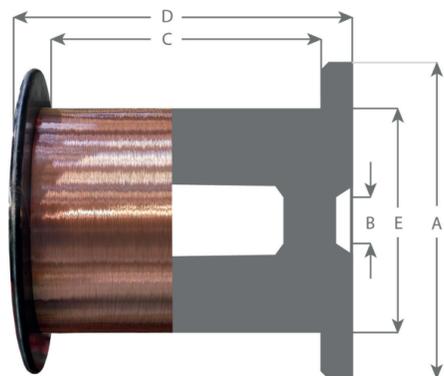


OUR REELS

Description	Material	Flange-diameter mm	Central Bore mm	Winding width mm	Reel width mm	Barrel mm	Max. Filling kg
75 K	plastic	75	10	70	85	20	1,5
100 K	plastic	100	10	80	95	30	3
160 K	plastic	160	22	128	160	100	8
200 K	plastic	200	22	160	200	130	15
250 A	aluminium	250	127	150	190	150	20
250 K	plastic	250	22	160	200	160	20
250 K	plastic	250	127	160	200	160	20
355 K	plastic	355	36	160	200	224	40
400 A	aluminium	400	127	225	270	210	100
400 E	steel	400	56	250	280	180	110
560 E	steel	560	127	355	395	315	250
630 E	steel	630	127	400	440	360	400
800 E	steel	800	80	500	560	400	800
800 E	steel	800	127	500	560	460	800
1000 E	steel	1000	80	630	710	500	1700
1100 E	steel	1100	80	630	710	500	1800
1250 E	steel	1250	80	800	880	630	3000
1400 E	steel	1400	80	900	990	710	5000
1600 E	steel	1600	80	1000	1090	800	7500
630 E	steel	630	127	400	475	355	400
630 K	plastic	630	127	375	475	400	300
800 E	steel	800	127	500	570	400	800
1000 E	steel	1000	80	620	750	500	1700
1250 E	steel	1250	80	800	950	630	3000

IMPORTANT INFORMATION



- A - Flange diameter
- B - Central bore
- C - Winding width
- D - Reel width
- E - Barrel diameter

INSIGHTS



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power in wire and cables

Our products for Cars - Trains - Ships - Subsea - Data - Wind - Solar - Robotics - Medical - Heating - Military - Welding Technology



Class 2, strands & ropes

Applications

- Cross section: 0,5 - 1500 mm²
- Wire diameter: 0,4 - 2,5 mm
- Concentric structure
- Stranded, compacted
- Bare or tin plated
- IEC 60228 / DIN 48200 T1 / DIN 48201 T1

- Building technology
- Power supply
- Subsea
- Rolling Stock



Class 5, strands & ropes

Applications

- Cross section: 0,12 - 1600 mm²
- Wire diameter: 0,1 - 0,6 mm
- Concentric structure
- Bunched
- Bare, tin- / silver plated
- Taped
- IEC 60228 / ISO 6722

- Flexible application
- Starter cable
- Utility cable
- Automotive
- Photovoltaics
- Wind power
- Marine

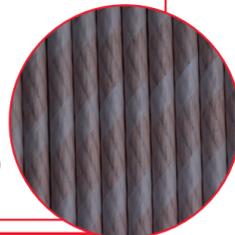


Class 6, strands & ropes

Applications

- Cross section: 0,12 - 1600 mm²
- Wire diameter: 0,05 - 0,4 mm
- Concentric structure
- Bunched
- Bare, tin- / silver plated
- Taped
- IEC 60228

- Highly moving / flexible applications
- Robotics
- Industrial automation
- Battery cable
- Charging cable (e-mobility)



Concentric ropes

Applications

- Cross section: 10 - 1000 mm²
- Wire diameter: 0,4 - 2,5 mm
- Class 2 ropes
- DIN 48200 T1 / DIN 48201 T1
- DIN 43138
- ASTM B8

- Power supply
- Rolling Stock
- Catenary cables
- Automation

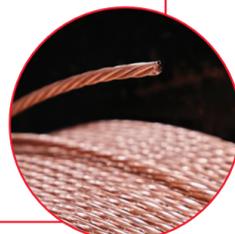


Gas- and Waterproof strands

Applications

- Cross section: 10 - 25 mm²
- Wire diameter: 1,0 - 2,5 mm
- Filled strands and ropes (swelling yarn or gel filling)
- Concentric structure

- Subsea
- Umbilicals
- Car wash
- Industry



Silver-plated wires & strands

Applications

- Cross section: 0,05 - 4 mm²
- Wire diameter: 0,1 - 0,5 mm
- Concentric structure
- ASTM B298
- or according to customer specifications

- Medical technology
- High frequency technology
- Chemical industry
- Printed circuit boards
- Braiding wire

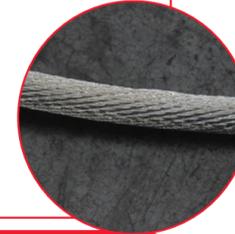


Nickel-plated strands & ropes

Applications

- Cross section: 1 - 95 mm²
- Wire diameter: 0,2 - 0,5 mm
- Concentric
- ASTM B355
- or according to customer specifications

- Automotive
- Heating technology
- High temperature cable
- Chemical industry
- Aviation

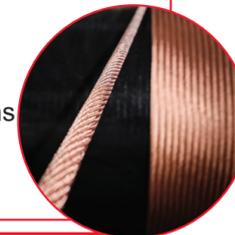


Enamelled strands & ropes

Applications

- Cross section: 0,05 - 95 mm²
- Wire diameter: 0,05 - 0,5 mm
- Single wire
- Bunched
- Stranded

- Heating applications
- Winding wires
- Induction furnaces
- High frequency applications
- Transformers

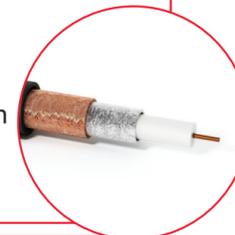


Single wire

Applications

- Wire diameter: 0,08 - 3,2 mm
- Bare, tin- / silver plated
- DIN 13602
- ASTM B3 / ASTM B33
- CCS

- Coax cable
- Telecom
- Braiding wire
- Strand and rope production
- Detonator cable



Braiding wire

Applications

- Wire diameter: 0,08 - 0,3 mm
- Ends: 3 - 12
- Bare, tin- / silver plated
- DIN 13602
- ASTM B3 / ASTM B33

- Cable shielding
- Data line
- Coax cable



Heating conductor

Applications

- Bare strands CuNi
- Enamelled strands CuSn
- Conductor of CCS
- Concentric
- Bunched
- DIN 17471

- Automotive SCR / AdBlue
- Seat-heating
- Tube-heating
- Wall - and floor heating
- Technical textiles

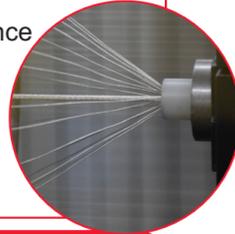


Alloys

Applications

- CuNi, CuSn
- Wires and strands
- Hard or soft / annealed
- DIN CEN/TS 13388

- Increased tensile and heat resistance
- Automation technology
- High flex life applications
- Industry
- Flexible cables



Automotive signal cable

Applications

- Wire diameter: 0,15 - 0,18 mm
- CuAg 0,1
- CuMg 0,2
- CuSn 0,3
- HTC
- LV 112-4

- Signal cable
- Data cable
- Weight reduction
- Volume reduction



Tied strands MGZ

Applications

- Wire diameter: 0,1 - 0,5 mm
- Concentric structure
- Top coat

- Crimping connection
- Industry
- Special applications



Hot-Dip-Tinning

Applications

- Wire diameter: 1,0 - 2,5 mm
- Protective layer against corrosion

- Solderable connection wires
- Automotive
- Printed circuit boards
- Heavy tinning

