

## Bunched Wires (bare copper wires)

Inlet diameter : 0.05 ~ 1.00mm

Type: TR

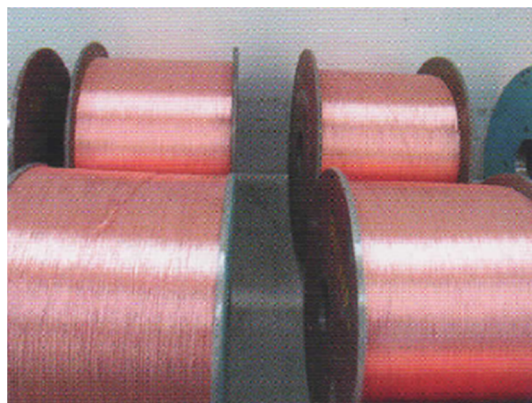
Number of twisted wires: 7- random number

Pitch: 3-63 mm

Standards : IEC, ASTM, JIS, BS, DIN

Package: according to customer's requirements

Type of spool : DIN250 DIN400 DIN630 etc.



**Properties :** Multi-line drawing machines from Niehoff are used in the previous working procedure of bunching multi-line wires. As the diameters performance of products are consistence, the products possess the features of excellent flexibility, good performance, roundness, compactness and surface quality.

### Major Technical Indices

No.	Technical	Specification/Technical Standard (number of wires × diameter)				
	Demand	125×0.05	7×0.10	16×0.20	30×0.25	45×0.30
1	Size (mm)	0.05	0.1	0.2	0.25	0.3
2	Tolerance	-0.001	-0.001	-0.001	-0.001	-0.001
	(mm)	~ + 0.002	~ + 0.003	~ + 0.002	~ + 0.003	~ + 0.003
3	Elongation (%)	≥ 12	≥ 20	≥ 23	≥ 25	≥ 25
4	Tensile Strength (N/mm <sup>2</sup> )	210~ 270	210~ 270	210~ 270	210~ 270	210~ 270
5	Resistance (Ω.mm <sup>2</sup> /m)	≤ 0.017241	≤ 0.017241	≤ 0.017241	≤ 0.017241	≤ 0.017241
6	Pitch (mm)	≤19	≤11	≤35	≤45	≤60
7	Max build (mm)	0.69	0.35	0.9	1.57	2.28
8	Cross Section (mm <sup>2</sup> )	0.25	0.055	0.5	1.5	3
9	Appearance	Surface is smooth and round, free of flaw, color and brightness is even				