

Facts and Figures

Wire Diameters
0.02 to 2.00 inches



We draw and refine wire.
competent. versatile. unique.



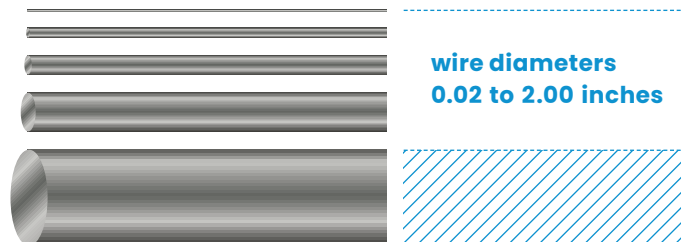


We draw and refine wire

competent. versatile. unique.

CLAAS/KLINCKE Wireworks are two independent companies that use state-of-the-art drawing machines and the latest annealing and surface technologies to draw and finish wires with diameters of 0.02 to 2.00 Inches to a high standard of quality.

Short throughput times, maximum reliability, individual delivery units, large storage areas, product-oriented solu-



tions, and fully covered logistics centres are just a few examples of the efficiency of CLAAS/KLINCKE Wireworks. The synergies resulting from the close cooperation between the two companies are unique and generate production plant buffers in all areas of production.

Both companies are certified to IATF 16949, DIN EN ISO 9001, DIN EN ISO 14001, DIN EN ISO 45001 and DIN EN ISO 50001.



The CLAAS/KLINCKE Wireworks manufacture:

Cold heading wire

For the production of fasteners and cold extruded parts with demanding requirements for cold formability. Optimised material structure, surface finish, geometry and mechanical properties.

Heat-treatable and alloy steel wire

Quality steel wires for the manufacture of sophisticated products that are produced by bending, upsetting, rolling or coining. Carbon range infinitely variable from 0.02 % to 0.95 % available.

Heat-treatable spring steel wire

For the production of springs with special properties. Cr-, V-, Mo-alloyed variants. Design with the highest possible degree of moulding.

Through-hardening bearing wire

For the production of rolling elements such as needle rollers, balls and other roller elements. Use of ingot and continuous cast material from exclusively certified prematerial suppliers.

Cold working steel wire

For the production of high-quality tools such as screwdriver blades, offset screwdrivers, drills, punches, chisels, knives and extrusion tools. Cr-, V-, Mo-alloyed variants with extremely good forming properties.

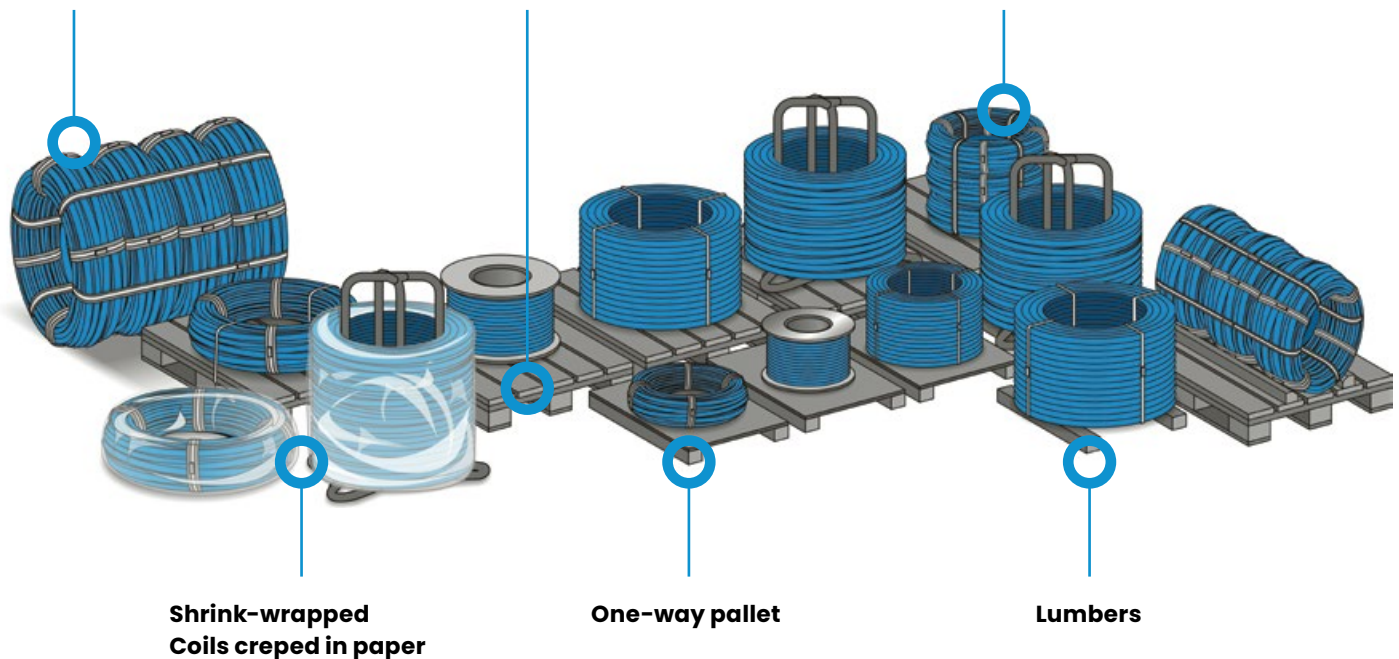


CLAAS/KLINCKE Logistics/Product presentation

Transport unit up to 13.200 lbs

Reusable pallet

**Transport unit vertical or horizontal
on reusable pallet up to approx. 800 kg**



The CLAAS/KLINCKE network has created a unique production plant buffer in all areas of production, short throughput times, maximum reliability, individual delivery units, large storage areas, product-oriented solutions

and a completely covered logistics centre are just a few examples of the efficiency of the companies Max W. Claas GmbH & Co. KG and Hermann Klincke J. H. Sohn GmbH & Co. KG.



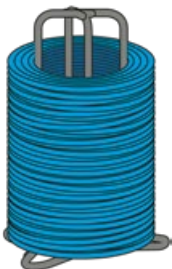
Carrier regular

ø inner diameter: 17.7"
Height: 40"
max. weight: 1.200 lbs



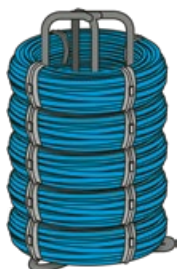
Carrier regular

ø inner diameter: 17.7"
Height: 55"
max. weight: 2.200 lbs



Carrier regular

ø inner diameter: 17.7"
Height: 59"
max. weight: 2.200 – 3.300 lbs



Carrier with rings

ø inner diameter: 17.7"
Height: 55"
max. weight: 2.200 lbs



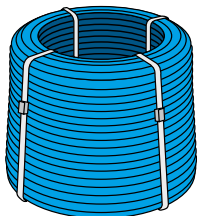
Carrier large

ø inner diameter: 29.5"
Height: 51"
max. weight: 2.200 – 4.400 lbs



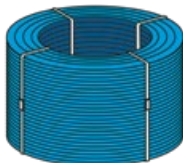
Carrier large

ø inner diameter: 29.5"
Height: 51"
max. weight: 4.400 – 6.500 lbs



Coil, conical spooled

ø inner diameter: 19.7"
ø outer diameter: 27.5"–37.5"
height: 17.7"
weight: 1.100 – 1.400 lbs
height: 23.6"
weight: 1.700 – 4.400 lbs



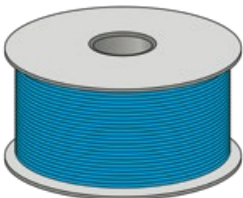
Coil

ø inner diameter: approx. 19.7"–23.6"
height: 23.6"
max. weight: 1.100 – 6.500 lbs



Spool plastics or metal

ø outer diameter 13.8"
ø inner diameter 4.9"
max. weight: 175 lbs



Spool plastics or metal

Dimensions:
ø outer diameter 22"
ø inner diameter 4.9"
max. weight: 550 lbs



Coil

ø inner diameter: 9.8"
ø outer diameter: 15.7"
weight: 260 - 350 lbs



Coil

ø inner diameter: 19.7"
ø outer diameter: 25.6"
weight: 220 - 660 lbs



Coil

ø inner diameter: 23.6"
ø outer diameter: 29.5"
weight: 875 - 1.750 lbs



Coil

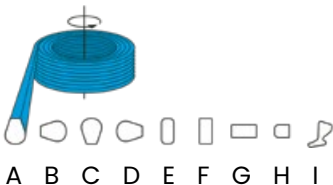
ø inner diameter: 29.5"
ø outer diameter: 35"
weight: 1.500 - 4.400 lbs

Profile wire



Coil

ø inner diameter: 47"
ø outer diameter: 59" - 70"
weight: 2.200 - 6.500 lbs



Performance data

Here is an overview of the performance data of the CLAAS/KLINCKE Wireworks in the areas of pickling, annealing and drawing:

Pickling technology

	Pickling lines	Baths	Manipulators	Hook capacities [t]
CLAAS	2	14/8	5/5	5
KLINCKE	1	13	5	3

Annealing technology

	Bases	Heating bonnets	Cooling bonnets	Base capacities [t]
CLAAS	6	3	3	65
KLINCKE	2	1	1	65

Drawing technology

	Single drawing machines	Multiple drawing machines	Ø Range ["]
CLAAS	18	5	0.05 – 2.00
KLINCKE	18	10	0.02 – 1.00



**Max W. Claas
GmbH & Co. KG**

📍 Rahmedestraße 375
D-58762 Altena
☎ +49-(0)2352 / 9595-0
📠 +49-(0)2352 / 9595-95
✉ info@claas-draht.de
🌐 www.claas-draht.de

**Hermann Klincke J. H. Sohn
GmbH & Co. KG**

📍 Rahmedestraße 15
D-58762 Altena
☎ +49-(0)2352 / 9581-0
📠 +49-(0)2352 / 9581-12
✉ info@klincke-draht.de
🌐 www.klincke-draht.de