



**Quality. Diversity. Efficiency.**

# H. KÜNNE Stahldrahtwerk



## Experience and Synergy

More than 300 years of experience and flexibility and innovative power of a medium-sized company guarantees not only high-quality products but always competent, timely and customised best solutions.

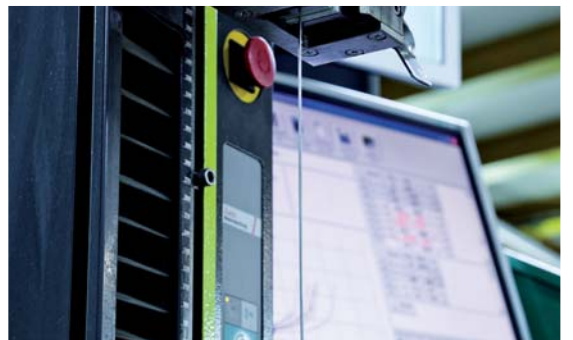
H. KÜNNE is your specialist for drawn steel and iron wire for many different applications.

Highly developed technologies and state-of-the-art production techniques represent highest quality and precision. Our know-how and the competence transfers within KÜNNE Group enable us to meet the requirements of international clients in quality and service.

H. KÜNNE produces steel wires for ropes, technical springs, bending parts, flexible shafts, steel granules, screens and application-specific requirements in the dimension range from Ø 0.2 mm to Ø 10.0 mm.



Packages according to individual customer requirements. From the classic formers to different coils up to export packaging for overseas transport.



Computer-aided production-accompanying quality inspections secure consistent quality.

# H. KÜNNE Range:



Production range spring steel wires according to DIN EN 10270-1

Type		ø in mm	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	
SL	ph	0.3																				10.0
	Z	0.2														7.0						
	rd	0.2																				10.0
SM	ph	0.2																				10.0
	Z	0.2														7.0						
	rd	0.2																				10.0
SH	ph	0.2																				10.0
	Z	0.2														7.0						
	rd	0.2																				10.0
DM	ph	0.2																				10.0
	Z	0.2														7.0						
	rd	0.2																				10.0
DH	ph	0.2																				10.0
	Z	0.2														7.0						
	rd	0.2																				10.0

Spring steel wires with other surfaces are available on request. Other diameters are available on request.



## Spring steel wires from Ø 0.2 – 10.0 mm.

- Rope wire according to national and international standards
- Spring steel wire according to national and international standards
- Wire for architectural fabric
- Steel wire for shot peening
- Carrying wire for fibre-optic cables
- Special steel wire according to tensile strength and customer requirements for many different application purposes
- Cold heading wire
- Iron wire – round and shaped wire



### Production range spring steel wires according to DIN EN 17223/1

		Ø in mm	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	
Type																						
A	tr bk phr/ph	0.2																				10.0
	no zn/Z	0.2														7.0						
B	tr bk phr/ph	0.2																				10.0
	no zn/Z	0.2														7.0						
C / D	tr bk phr/ph	0.2																				10.0
	no zn/Z	0.2														7.0						

Spring steel wires in category II or wires with reddish surface are available on request. Other diameters are available on request.

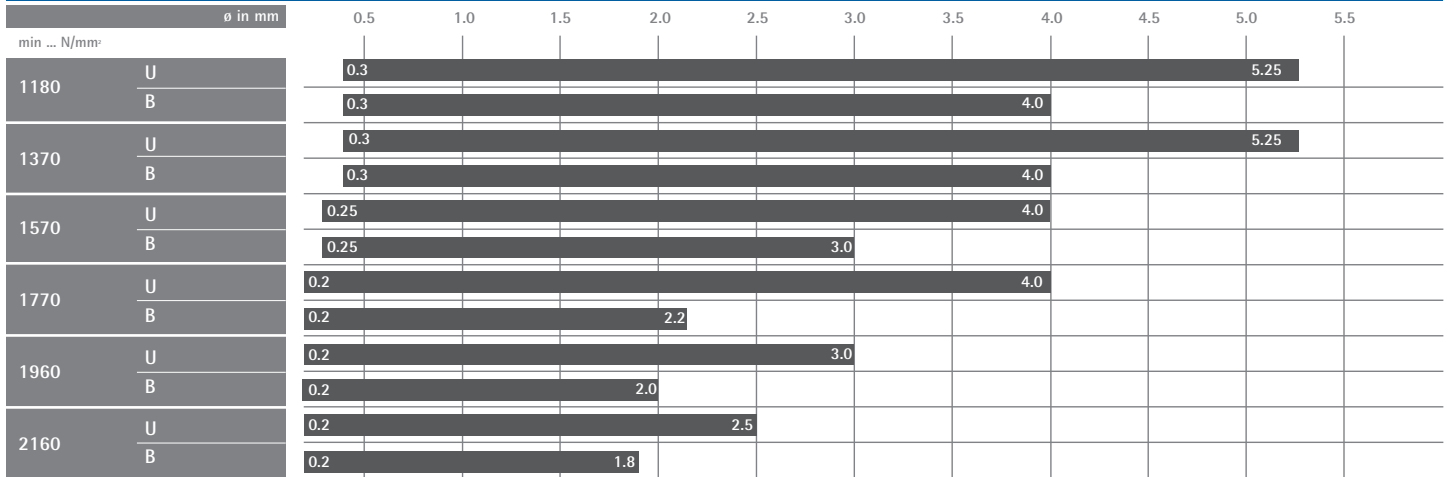
### Packaging for spring steel wire

		Ø in mm	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	
Packages																						
Former					1.2																	10.0
Z-3-coils						2.0																10.0
Z-2-coils		0.3								4.0												
Metal Spools 760		0.3								4.0												
Rings		0.3																				10.0
Metal and plastic spools		0.2	1.1																			

Packaging units provided by the customer can be filled upon agreement.

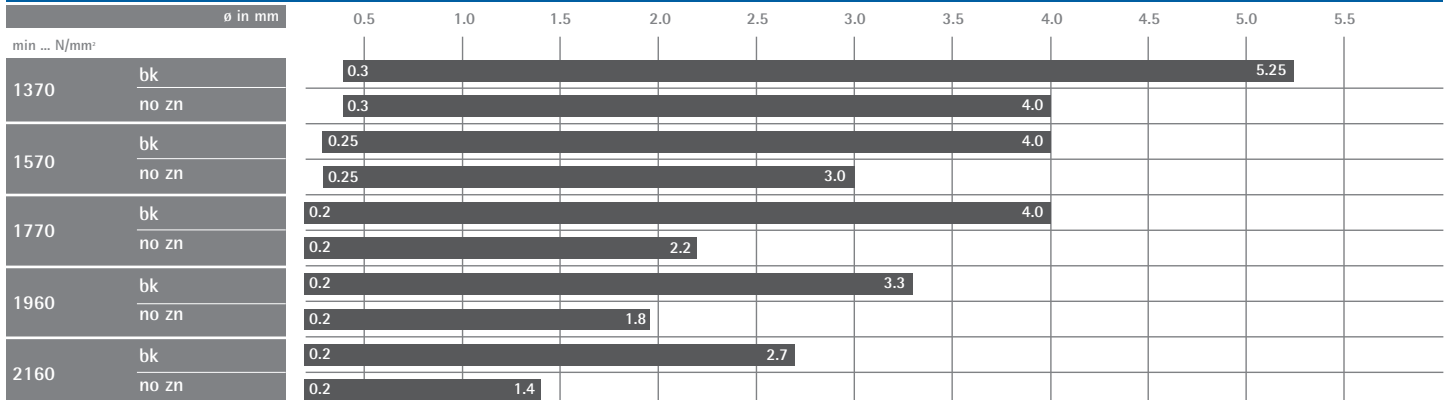
# Rope Wire

## Production range of rope wire according to EN 10264-2: category B, among others.



Other and significantly higher strengths are available on request.

## Production range rope wire according to DIN 2078/EN/ISO/AF standard etc.



Other and significantly higher strengths are available on request.

## Packaging for rope wire



Packaging units provided by the customer can be filled upon agreement.

# Iron Wire

## Production range low-carbon wires according to EN 10016-2/EN 10025

Acc. to DIN	1	2	3	4	5	6	7	8	9	10	11	12	13
D6-2		1.5											13.2
D8-2		1.5											13.2
C8D/D9		1.5											13.2
S235JR/St 37-2		1.5											13.2
S355JR/St 52-3		1.5											13.2

Unlisted qualities are available on request.

## Production range of compression qualities according to DIN 1654/2 + 4/EN 10263-2 + 4

Acc. to DIN	1	2	3	4	5	6	7	8	9	10	11	12	13
RST 36-2		1.5									11.7		
RQST 36-2		1.5									11.7		
C4C/QST 32-3		1.5									11.7		
C10C/QST 36-3		1.5									11.7		
19MnB4		1.5									11.7		

Unlisted qualities are available on request.

## Production range of chain qualities according to DIN 17115

Acc. to DIN	1	2	3	4	5	6	7	8	9	10	11	12	13
15 MN 3		1.5											13.2
21 MN 5		1.5											13.2

Unlisted qualities are available on request.

## Packaging

Acc. to DIN	1	2	3	4	5	6	7	8	9	10	11	12	13
Coils, wound			2.6										13.2
Coils, layer on layer, wound						5.4							13.2
Stem		1.5									11.6		
Inside wound coils- $\phi$ 450		1.5						8.6					
Inside wound coils- $\phi$ 500						5.6				10.6			

Available surfaces: he bk, sm bk, tr bk, phr, cu, n bk rt, n bk ws. Copper-plated, available in the dimension range of 1.50–6.00 mm.

## H. KÜNNE Stahldrahtwerk.

Quality. Diversity. Efficiency.

- Torsion-free dry-drawn wires.
- Computer-controlled straight-line drawing machines.
- Continuous diameter monitoring.
- Barcode-controlled operating processes.
- Automated production processes.
- Staff receive on-going training.
- Quality control during production.
- Computer-supported testing stations.
- Loading procedures that protect the material.



**H. KÜNNE**  
STAHLDRAHTWERK  
KÜNNE GROUP

H. KÜNNE GmbH & Co. KG

Am Heßufer 27  
58675 Hemer  
Germany  
Tel.: +49 2372 9092 - 0  
Fax: +49 2372 9092 - 61  
info@kuenne-draht.de  
www.kuenne-draht.de

**DRAHTWERK WAGENER**  
STAHLDRAHTWERKE ALTENA   
KÜNNE GROUP

DRAHTWERK WAGENER GmbH & Co. KG  
www.drahtwerk-wagener.de