PRODUCT RANGE

for the Printing, Packaging and Recycling Industries

Heinrich Erdmann GmbH & Co.
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ABOUT US

The Heinrich Erdmann wire factory, founded in 1889, can look back on a long tradition in the manufacture of fine wire. Today, the company's business is the manufacture of low-carbon iron wire in bare, copper-coated, galvanised and tinned versions. We supply our customers with top-quality wire because of our modern production plant and our qualified employees. Our comprehensive trading business also allows us to cover almost all requirements of the wire processing industry. We have an excellent reputation because of our high-quality products, short delivery times and flexibility and thus achieve a high customer satisfaction. Heinrich Erdmann's objective is to be your competent supplier at all times.

Quality Management Certified to ISO 9001:2008

We continuously analyse our processes at all levels in order to exploit optimisation potentials. We can therefore offer you a consistent high quality and an excellent service. Continuous improvement processes ensure compliance with laws, directives, regulations and standards.

Our certification to ISO 9001:2008 is an important work basis for our action and allows you to convince yourself of our services and defines measurable targets for further improvement processes.

SZI

Certification to ISO 9001:2008
Reg. no.: Q-1598-A

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ROUND STITCHING WIRE

Round stitching wire, also simply called stitching wire, is the speciality of Heinrich Erdmann GmbH & Co.. Our manufacturing flexibility ensures the fulfilment of our customers individual wishes in terms of surface finish, dimensions, quality and spools.*
Round stitching wire is mainly used in the printing industry.

DIMENSIONS

NO.	MM	M / KG	RECMD STITCH THICKNESS IN MM
16	1.60	63	
17	1.35	89	
18	1.20	113	
19	1.05	147	
20	0.90	200	12.7 – 25.4
21	0.80	253	7.9 – 15.9
22	0.75	288	4.8 – 12.7
23	0.70	331	3.2 – 9.5
24	0.60	451	1.6 – 6.4
25	0.55	536	1.6 – 5.6
26	0.50	649	– 4.8
27	0.45	801	– 1.6
28	0.40	919	
29	0.37	1,185	
30	0.35	1,324	

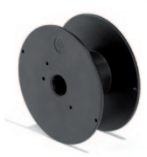
SURFACES
Bright
Reddish-bright
Copper-coated
Galvanished
Tinned
Nylon-coated (only nr. 25)

QUALITIES
Standard
High strength
Steel

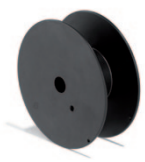
SPOOL VERSIONS FOR MP 100 SPOOLS
Straight winding
Concial winding

* Other dimensions and unit quantities possible on request.

SPOOLS

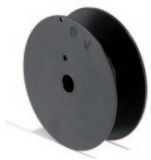


Spool D 100	
Weight	1 kg
A	100 mm
B	38 mm
C	16 mm
D	43 mm



Spool D 135	
Weight	2 kg
A	135 mm
B	55 mm
C	16 mm
D	49 mm

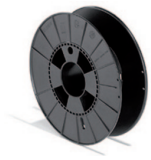
Spool D 140	
Weight	3 kg
A	140 mm
B	90 mm
C	16 mm
D	90 mm



Spool D 150	
Weight	3 kg
A	150 mm
B	55 mm
C	18 mm
D	49 mm

Spool BP 4	
Weight	4,5 kg
A	155 mm
B	65 mm
C	18 mm
D	63 mm

Spool D 150 D	
Weight	5 kg
A	150 mm
B	55 mm
C	18 mm
D	100 mm



Spool SD 200 K	
Weight	5 kg
A	200 mm
B	105 mm
C	50 mm
D	55 mm

Spool K 200	
Weight	14 kg
A	200 mm
B	125 mm
C	22 mm
D	200 mm

Spool SD 300	
Weight	15 kg
A	300 mm
B	210 mm
C	52 mm
D	102 mm

Spool BB 20	
Weight	17 kg
A	200 mm
B	110 mm
C	32 mm
D	180 mm

Spool K 355	
Weight	45 kg
A	355 mm
B	224 mm
C	36 mm
D	200 mm

Spool D 315	
Weight	80 kg
A	315 mm
B	190 mm
C	100 mm
D	500 mm

Spool BK 100	
Weight	90 kg
A	355 mm
B	220 mm
C	125 mm
D	355 mm

Spool MP 100	
Weight	90 kg
A	355 mm
B	220 mm
C	125 mm
D	355 mm

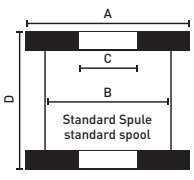
Spool SK 100	
Weight	90 kg
A	355 mm
B	220 mm
C	125 mm
D	355 mm

Spool MP 500	
Weight	500 kg
A	600 mm
B	360 mm
C	80 mm
D	650 mm

Spool RP 500	
Weight	500 kg
A	750 mm
B	480 mm
C	80 mm
D	535 mm

Spool RP 700	
Weight	550 kg
A	750 mm
B	460 mm
C	80 mm
D	700 mm

Spool RP 1000	
Weight	1000 kg
A	1000 mm
B	645 mm
C	80 mm
D	535 mm



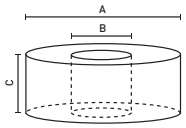
* Other dimensions and unit quantities possible on request.

ROUND STITCHING WIRE

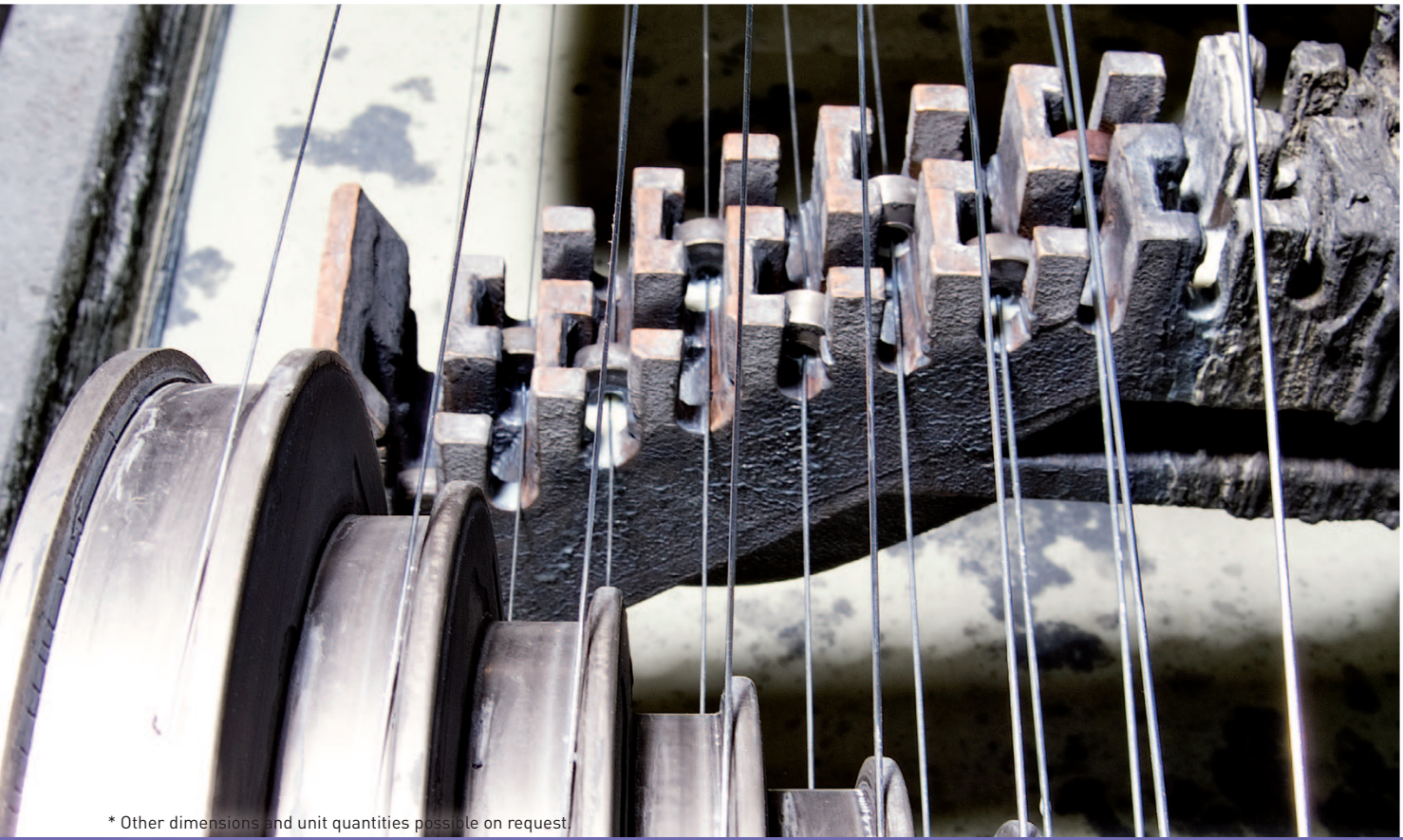
DRUMS

Drum F 45	
Weight	45 kg
A	400 mm
B	250 mm
C	340 mm

Drum F 250	
Weight	250 kg
A	510 mm
B	324 mm
C	800 mm



UNWINDING SYSTEMS



* Other dimensions and unit quantities possible on request.

BALING WIRE

Our product range includes baling wire, also called strapping wire. This wire is a soft-annealed iron wire that is oiled or not oiled according to customer requirements. It is mainly used by companies that have to compress material or store material in a space-saving way. The main users are the recycling, packaging, paper and printing industries. We offer various ring sizes with different dimensions* to provide you with flexibility. We are able to ensure short delivery times because the baling wire is manufactured in our factory in Germany.

DIMENSIONS

MM	M / KG
1.80	50.0
2.00	40.5
2.20	33.5
2.50	26.0
2.80	20.7
3.00	18.0

MM	M /KG
3.10	16.9
3.20	15.8
3.40	14.0
3.60	12.5
3.80	11.2

SURFACES

Black annealed	Oiled	Not oiled
Galvanised	Oiled	Not oiled

BALING WIRE UNIT QUANTITY

SPOOLED RINGS	OUTER Ø MM	INNER Ø MM	HEIGHT MM
20 kg	250	95	95
40 kg	336	206	152

RINGS / ROSETTES	OUTER Ø MM	INNER Ø MM	HEIGHT MM
100 kg	750	450	150
250 kg	750	450	300
500 kg	750	450	600
1000 kg	750	450	900

LOOP WIRE UNIT QUANTITY

Length:	500 – 5,000 mm
Packaging:	In bundles of approx. 25 kg or large bundles of approx. 1,000 kg. Also available reeled and delivered on pallets.

JAMLOCK BALE TIES

Length:	1,350 – 5,700 mm
Packaging:	In bundles of 50 pieces or bundled to large bundles. Also available reeled and delivered on pallets.

* Other dimensions and unit quantities possible on request.

FLAT STITCHING WIRE

Flat stitching wire is also called “iron wire” or “galvanised wire”. Flat stitching wire has many applications. The most well-known application is certainly the manufacture of office material that can be found in every office. It is available in bare, copper-coated or galvanised surfaces and with different dimensions. Different spool types and sizes are also available.*

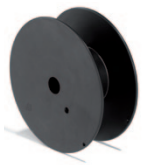
DIMENSIONS

NO.	MM	M / KG
0 / 26	0.70 X 0.30	650
I / 25	0.75 X 0.35	540
II / 24	0.75 X 0.45	420
III / 23	0.75 X 0.55	345
IV / 22	0.80 X 0.65	295
V / 21	0.90 X 0.65	250
VI / 20	0.96 X 0.78	200
VII / 19	1.15 X 0.90	150
VIII / 18	1.25 X 1.05	115
IX / 17	1.50 X 1.16	90

SURFACES
bright
Copper-coated
Galvanised
reddish bright

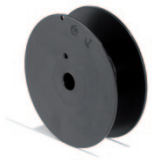
QUALITIES
Standard
Steel

SPOOLS



Spool D 135	
Weight	2 kg
A	135 mm
B	55 mm
C	16 mm
D	49 mm

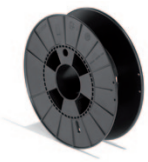
Spool D 140	
Weight	3 kg
A	140 mm
B	90 mm
C	16 mm
D	90 mm



Spool D 150	
Weight	3 kg
A	150 mm
B	55 mm
C	18 mm
D	49 mm

Spool BP 4	
Weight	4.5 kg
A	155 mm
B	65 mm
C	18 mm
D	63 mm

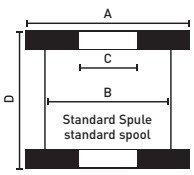
Spool D 150 D	
Weight	5 kg
A	150 mm
B	55 mm
C	18 mm
D	100 mm



Spool SD 200 K	
Weight	5 kg
A	200 mm
B	105 mm
C	50 mm
D	55 mm

Spool SD 300	
Weight	15 kg
A	300 mm
B	210 mm
C	52 mm
D	102 mm

Spool BB 20	
Weight	17 kg
A	200 mm
B	110 mm
C	32 mm
D	180 mm



* Other dimensions and unit quantities possible on request.

BROAD FLAT STITCHING WIRE

Our broad flat stitching wire, also called carton stitching wire, is produced in our factory in Germany. It is a flat iron wire with high strength. Our stitching wire has many applications, for example, for cardboard box manufacture. By using our stitching wire, you can ensure that your production runs efficiently and without problems. Our production flexibility offers you different dimensions and spools.*

DIMENSIONS

Width: 2.20 mm – 3.00 mm
Thickness: 0.40 mm – 0.90 mm

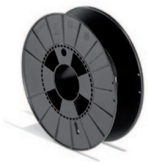
SURFACES

Reddish bright
Copper-coated
Galvanised

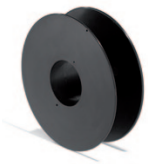
RINGS
In all common sizes, with or without cardboard core

SPOOLS

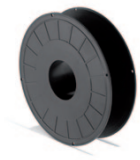
Spool BP 4	
Weight	4.5 kg
A	155 mm
B	65 mm
C	18 mm
D	63 mm



Spool SD 200 K	
Weight	5 kg
A	200 mm
B	105 mm
C	50 mm
D	55 mm



Spool AM 7	
Weight	7 kg
A	200 mm
B	76 mm
C	67 mm
D	58 mm



Spool AM 10	
Weight	10 kg
A	225 mm
B	75 mm
C	67 mm
D	60 mm

Spool SH 390	
Weight	15 kg
A	390 mm
B	310 mm
C	305 mm
D	89 mm

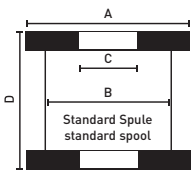
Spool BB 20	
Weight	17 kg
A	200 mm
B	110 mm
C	32 mm
D	180 mm

Spool AM 20	
Weight	20 kg
A	240 mm
B	106 mm
C	99 mm
D	100 mm

Spool SH 460 K	
Weight	50 kg
A	460 mm
B	319 mm
C	305 mm
D	105 mm

150KG Wooden Spool	
Weight	150 kg
A	560 mm
B	300 mm
C	56 mm
D	188 mm

Cardboard-coil	
available sizes	
65 x 40 mm	100 x 90 mm
65 x 55 mm	300 x 95 mm
100 x 50 mm	330 x 100 mm
103 x 50 mm	



* Other dimensions and unit quantities possible on request.

NC WIRE / SPIRAL BINDING WIRE

NC wire, also called spiral binding wire, is a very flexible, nylon-coated iron wire. The dimension range is 0.70 mm to 2.00 mm. Different spool sizes are also available. *The spiral wire is also available in different colours and is mainly used in the manufacture of office material.

DIMENSIONS

0.70 – 2.00 mm

COLOURS

White
Black
Silver / transparent
Blue
Yellow
Green
Red
other colours available on request

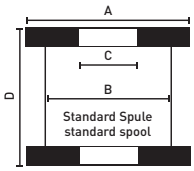
SPOOLS

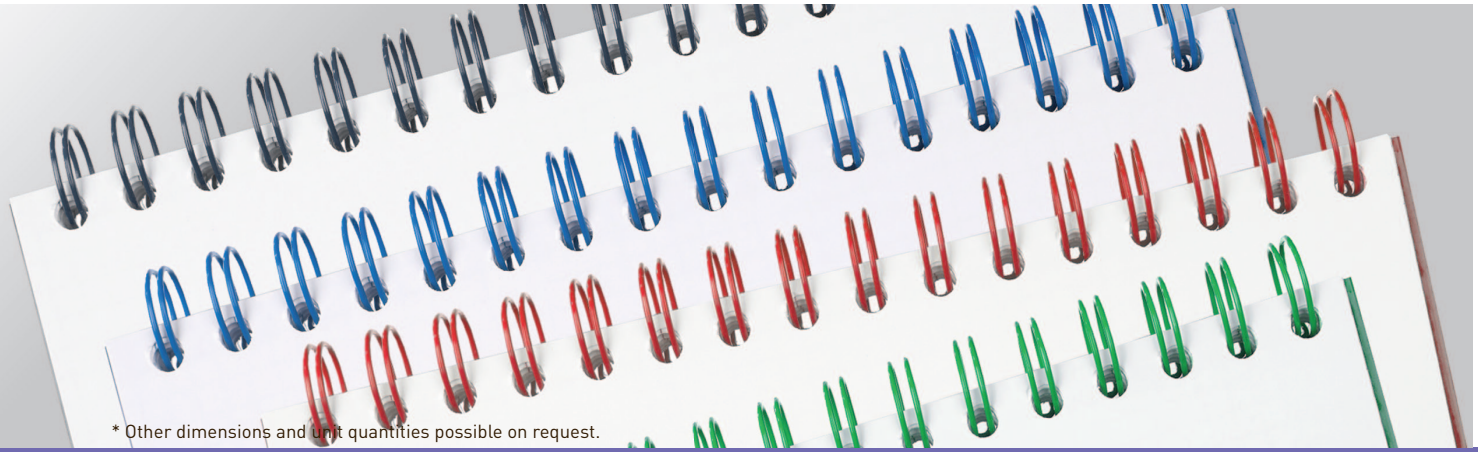
Spool SD 300	
Weight	15 kg
A	300 mm
B	210 mm
C	52 mm
D	102 mm

Spool MP 100	
Weight	90 kg
A	355 mm
B	220 mm
C	125 mm
D	355 mm

Spool BK 400	
Weight	400 kg
A	355 mm
B	220 mm
C	
D	670 mm

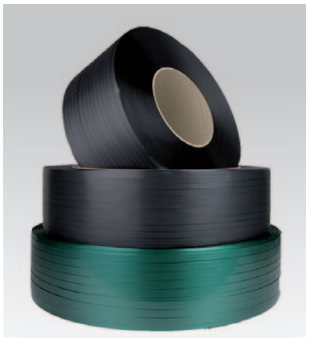
Spool BK 800	
Weight	800 kg
A	800 mm
B	450 mm
C	
D	690 mm





* Other dimensions and unit quantities possible on request.

PLASTIC STRAPPING



Our PP strapping can be used on automatic strapping machines and with handheld strapping tools. It is the ideal product for strapping of newspapers, cardboard and much more. Our plastic strapping is used in many industries.

Our PET strapping can be used with handheld strapping tools and on fully automatic strapping machines. It is the ideal alternative to steel packaging strapping in many areas and is therefore used in various industries. Our PET strapping is used, for example, for the strapping of pallet loads.

PP STRAPPING

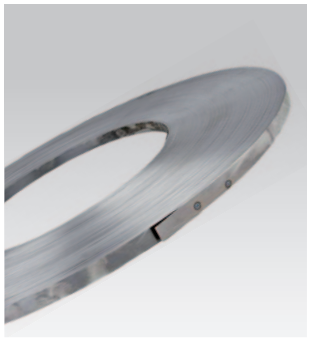
DIMENSIONS (MM)	TEAR STRENGTH (KG)	STRAPPING LENGTH (MM)	CORE (MM)
8 x 0.45	94	4,500	200
8 x 0.55	99	4,000	200
9 x 0.55	111	4,000	200 / 280
9 x 0.63	120	3,500	200 / 280
12 x 0.5	100	1,000	DISPENSER BOX
12 x 0.55	133	3,000	200 / 280 / 406
12 x 0.63	146	3,000	200 / 280 / 406
12 x 0.65	180	2,500	400
12 x 0.73	198	2,200	200
12 x 0.75	225	2,000	280 / 406

PET STRAPPING

DIMENSIONS (MM)	TEAR STRENGTH (KG)	STRAPPING LENGTH (MM)	CORE (MM)	SURFACE
9 x 0.4	105	4,400	200	Ribbed
9 x 0.5	174	4,300	400	Ribbed
9.5 x 0.6	223	3,200	400	Ribbed
9.2 x 0.7	260	3,000	400	Ribbed
11 x 0.4	120	3,700	200	Ribbed
12.5 x 0.6	290	2,500	400	Ribbed
12.5 x 0.7	354	2,000	400	Ribbed
15 x 0.6	340	2,000	400	Ribbed
15 x 0.7	410	1,750	400	Ribbed
15.5 x 0.6	400	2,000	400	Ribbed
15.5 x 0.7	439	1,750	400	Ribbed
15.5 x 0.85	500	1,500	400	Ribbed
15.5 x 0.9	534	1,500	400	Ribbed

* Other dimensions and unit quantities possible on request.

STEEL STRAPPING



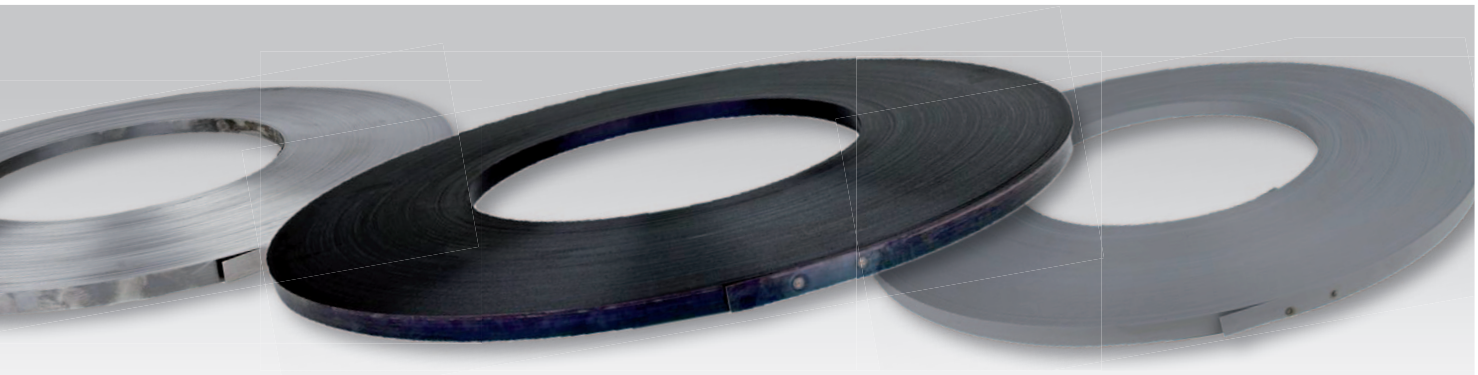
Steel strapping is also called steel band or band iron. It is used for strapping pallet loads and other heavy goods. The steel strapping has three quality classes: bare strapping, heavy-duty strapping and high-strength strapping. The quality classes indicate the tensile strength and elongations. Steel strapping still has to be used for some applications, e.g. packaging of wire coils or products that still have to be heat-treated.

PROPERTIES

STRAPPING	WINDING	QUALITY	TENSILE STRENGTH	ELONGATION
Bare strapping	Ribbon-wound	Bare	650-760 N/mm²	3-4 %
Heavy-duty strapping	Ribbon-wound Package-wound	Blued Black paint coat Zinc-dust paint coat	750-960 N/mm²	6-8 %
High-strength strapping	Ribbon-wound Package-wound	Blued Black paint coat Zinc-dust paint coat	930-1030 N/mm²	approx. 13 %

DIMENSIONS

THICKNESS (MM)	WIDTH (MM)
0.4	13 / 16
0.5	13 / 16 / 19
0.6	13 / 16 / 19
0.7	19
0.8	19 / 25 / 32
0.9	32
1.0	25 / 32



* Other dimensions and unit quantities possible on request.

NOTES

NOTES

IMPRINT

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Kompetenz in Draht