



Systemservice

**HEIDELBERG**

Original Heidelberg Service Parts  
for Folders, Saddlestitchers, Adhesive Binders  
and Thread-sealing Machines

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# Heidelberg Systemservice. Your partner of choice in all technical and operational matters.



## **For stable and reliable production.**

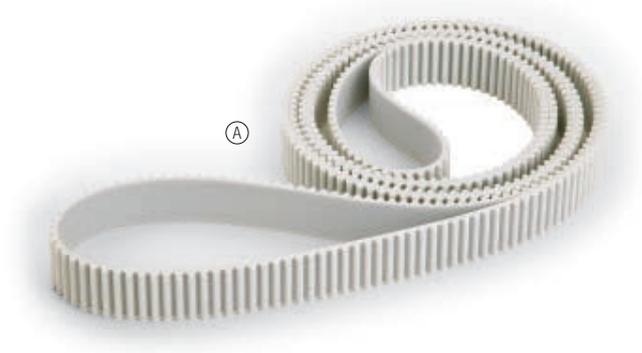
With the largest network of service experts in the print media industry, Heidelberg® Systemservice® is your partner of choice in all technical and operational matters. To ensure stability in your production, we provide 24/7 technical support worldwide, including maintenance, repair, and original service parts. When you need immediate assistance, our state-of-the-art Remote Services give you direct access to our experts. Our performance services, such as training, consultancy, and upgrades enable you to increase your productivity and competitiveness. What's more: All our services are designed to help you save resources and improve your environmental impact.

## **Service parts from Heidelberg Systemservice**

**The right choice:** Consistent quality, high reliability, and best materials: Our Original Heidelberg® Service Parts meet the same stringent quality standards as our machines. We regularly submit them to comprehensive endurance and stress tests and continuously improve them in the light of the latest technological developments – to help you achieve smooth production and excellent production results. • **24/7 delivery service:** Almost all our Original Heidelberg Service Parts can be delivered within 24 hours worldwide – thanks to the largest logistics network in the industry. More than 130,000 different parts are kept constantly in stock in our four logistics centers in Germany, the U.S., and Asia. • **One-stop shopping:** Whether you need assistance for prepress, press or postpress systems, hardware or software, for older models or for newer ones, your point of contact with Systemservice remains Heidelberg. **More value for money:** Always compare before buying: You will find that Original Heidelberg Service Parts offer the best price/performance ratio. • **Hotline/technical clarification:** The Systemservice team is there to help you establish a diagnosis, identify the right service parts, and provide advice for its installation. • **Just give us a call:** See for yourself! Contact us today to experience our service first hand.

## Toothed belts

Toothed belts transfer forces and torques. All our Original Heidelberg toothed belts are specially adapted to the needs of our Stahlfolder machines – for optimum precision and durability. They are manufactured in cooperation with selected suppliers from high-quality textile, rubber or steel blends. You will find a selection of the most popular items in our Original Heidelberg toothed belt range here. All other toothed belts can be ordered from us on request. Just give us a call.



For combination folding machines in the Stahlfolder KD range

Article no.	Type of machine	Description
<b>ZD.222-228-01-00</b>	Stahlfolder KD.2, KD 56.1-78.1, KD 56-94	900 H 062
<b>ZD.222-228-03-00</b>	Stahlfolder KD.2, KD 56.1-78.1, KD 56-94	1000 H 062
<b>ZD.222-228-04-00</b>	Stahlfolder KD.2, KD 56-94	1100 H 062
<b>ZD.203-473-13-00</b>	Stahlfolder KD.2, KD 56.1-78.1, KD 56-94	190 XL 031
<b>ZD.222-228-02-00</b>	Stahlfolder KD 56.1-78.1, KD 56-94	850 H 062

For buckle plate folding machines in the Stahlfolder TD range

Article no.	Type of machine	Description
<b>ZD.252-987-01-00</b>	Stahlfolder TD.1-52	210 XL 025
<b>ZD.215-303-29-00</b>	Stahlfolder TD.1-52	XL 025
<b>ZD.203-473-11-00</b>	Stahlfolder TD.1-52, TD 56.1/78.1, TD 56-94	100 XL 031
<b>ZD.203-473-12-00</b>	Stahlfolder TD.1-52, TD 56.1/78.1, TD 56-94	170 XL 031
<b>ZD.203-473-13-00</b>	Stahlfolder TD.1-52, TD 56.1/78.1, TD 56-94	190 XL 031

For feeders

Article no.	Type of machine	Description
<b>FH.1107871/05</b> <sup>(A)</sup>	Register table	Toothed belt for suction tape module
<b>ZD.203-473-19-00</b>	Round pile feeder RD 56-94	120 XL 075

For buckle plate folding machines and combination folding machines in the Stahlfolder KH/TH range

Article no.	Type of machine	Description
<b>ZD.222-228-03-00</b>	Stahlfolder KH 78	1000 H 062 folding knife drive
<b>ZD.203-473-05-00</b>	Stahlfolder KH 66/78	90 XL 019 folding knife for cross fold
<b>FX.1002791/00</b>	Stahlfolder KH 66/82	HTD 474-3M-09 sheet transport, 1 <sup>st</sup> cross fold
<b>FX.1002801/00</b>	Stahlfolder KH 66/82	HTD 738-3M-09 sheet transport, 2 <sup>nd</sup> cross fold
<b>FH.0420046/00</b>	Stahlfolder KH 66/82	HTD 925-5M-09 sheet transport, 2 <sup>nd</sup> cross fold
<b>FH.0420047/00</b>	Stahlfolder KH 66/82	HTD 1000-5M-09 sheet transport, 1 <sup>st</sup> cross fold
<b>FH.0420062/01</b>	Stahlfolder KH 66/82	HTD 681-3M-10 sheet transport, 1 <sup>st</sup> cross fold
<b>FH.1002811/00</b>	Stahlfolder KH 66/82	HTD 843-3M-09 1 <sup>st</sup> and 2 <sup>nd</sup> cross fold

For buckle plate folding machines and combination folding machines in the Stahlfolder Ki/Ti range

Article no.	Type of machine	Description
<b>ZD.203-473-11-00</b>	Stahlfolder Ti.1-52/55	100 XL 031
<b>ZD.203-473-12-00</b>	Stahlfolder Ti.1-52/55	170 XL 031
<b>ZD.203-473-13-00</b>	Stahlfolder Ti.1-52/55	190 XL 031
<b>ZD.203-473-06-00</b>	Stahlfolder Ti 52	100 XL 018
<b>ZD.252-987-01-00</b>	Stahlfolder Ti.1-52	210 XL 025
<b>ZD.215-303-29-00</b>	Stahlfolder Ti.1-52	XL 025

### Perforating blades with center cuts – for rapid replacement

Different types of perforating blades can be used depending on the application. Perforating blades are available with different slot lengths and distances between slots to suit the paper grade and fold type. They can be inserted either in the front-mounted or in the rear-mounted slitter shafts. To enable rapid replacement, they are delivered with center cuts; this makes it unnecessary to remove the slitter shaft during the installation of the new blade.



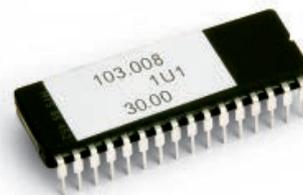
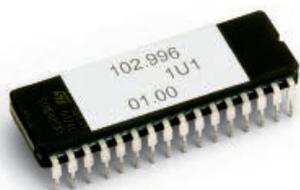
### Perforating blades with center cuts

Designation	Article no.	Outside diameter	Inside diameter	Form	Quantity of teeth	Thickness	Working width
Perforating blade	<b>FH.1282711/00</b>	38.5 mm	26 mm	V2	10	2.00	36
Perforating blade	<b>FH.1282721/00</b>	47.5 mm	30 mm	V2	10	1.00	40-55
Perforating blade	<b>FH.1282731/00</b>	47.5 mm	30 mm	V2	15	1.00	40-55
Perforating blade	<b>FH.1282741/00</b>	47.5 mm	30 mm	V2	10	2.00	40-55
Perforating blade	<b>FH.1282761/00</b>	47.5 mm	30 mm	V2	10	2.00	40-55
Perforating blade	<b>FH.1327011/00</b>	47.5 mm	30 mm	V2	10	2.00	40-55
Perforating blade	<b>FH.1327021/00</b>	47.5 mm	30 mm	V2	15	2.00	40-55
Perforating blade	<b>FH.1327051/00</b>	47.5 mm	30 mm	V2	15	1.00	40-55
Perforating blade	<b>FH.1327061/00</b>	47.5 mm	30 mm	V2	10	1.00	40-55
Perforating blade	<b>FH.1282791/00</b>	61.5 mm	40 mm	V2	32	1.50	56-94
Perforating blade	<b>FH.1282801/00</b> <sup>ⓑ</sup>	61.5 mm	40 mm	V2	32	2.00	56-94
Perforating blade	<b>FH.1282811/00</b>	61.5 mm	40 mm	V2	32	1.50	56-94
Perforating blade	<b>FH.1282821/00</b>	61.5 mm	40 mm	V2	32	2.00	56-94
Perforating blade	<b>FH.1327071/00</b>	61.5 mm	40 mm	V2	12	1.00	56-94
Perforating blade	<b>FH.1327081/00</b>	61.5 mm	40 mm	V2	18	1.00	56-94
Perforating blade	<b>FH.1327091/00</b>	61.5 mm	40 mm	V2	12	1.00	56-94
Perforating blade	<b>FH.1327111/00</b>	61.5 mm	40 mm	V2	12	2.00	56-94
Perforating blade	<b>FH.1327121/00</b>	61.5 mm	40 mm	V2	18	2.00	56-94
Perforating blade	<b>FH.1327141/00</b>	61.5 mm	40 mm	V2	12	2.00	56-94
Perforating blade	<b>FH.1327151/00</b>	61.5 mm	40 mm	V2	18	2.00	56-94
Perforating blade	<b>FH.1282841/00</b>	78.5 mm	55 mm	V2	18	1.00	112/142
Perforating blade	<b>FH.1282851/00</b>	78.5 mm	55 mm	V2	30	1.00	112/142
Perforating blade	<b>FH.1282861/00</b>	78.5 mm	55 mm	V2	18	2.00	112/142
Perforating blade	<b>FH.1282981/00</b>	78.5 mm	55 mm	V2	30	2.00	112/142
Perforating blade	<b>FH.1327031/00</b>	78.5 mm	55 mm	V2	30	1.00	112/142
Perforating blade	<b>FH.1327041/00</b>	78.5 mm	55 mm	V2	18	1.00	112/142
Perforating blade	<b>FH.1282751/00</b>	47.5 mm	30 mm	V2	15	2.00	40-55
Perforating blade	<b>FH.1327001/00</b>	47.5 mm	30 mm	V2	15	2.00	40-55
Perforating blade	<b>FH.1282831/00</b>	61.5 mm	40 mm	V2	15	2.00	56-94
Perforating blade	<b>FH.1327101/00</b>	61.5 mm	40 mm	V2	18	1.00	56-94
Perforating blade	<b>FH.1327131/00</b>	61.5 mm	40 mm	V2	12	2.00	56-94
Perforating blade	<b>FH.1327361/00</b>	61.5 mm	40 mm	V2	18	2.00	56-94

## EPROM

The EPROM control unit is a very important component in the operating system of every Stahlfolder. It is available from us in 16 different languages. As it is easy to mistake one for another, you should always order these

units directly from us. To ensure your Stahlfolder functions smoothly after the changeover, the control unit should only be fitted by our service engineers.



## EPROM\*☺

Designation	Article no.	Type of machine
EPROM 64 K × 8	<b>FH.1161145/00</b>	Only Stahlfolder TD/KD series (SKO, MTV)
EPROM 256 K × 8	<b>FH.1161155/00</b>	Only Stahlfolder TD/KD series

## Pulse generators

In our Stahlfolder machines, pulse generators are responsible for keeping the paper distance precise, so their efficiency is essential for continuous production. Without their precise synchronization in the control unit, it would not be possible to achieve the

high production speeds in our Stahlfolder range. Original pulse generators are therefore adapted to the latest developments on an ongoing basis and made from high-quality, durable materials to ensure consistent, problem-free production.



## Pulse generator

Article no.	Type of machine
<b>FH.1261351/00</b>	Stahlfolder TD, KD, Ti, Ki, TH/KH, ACC 2.4

When ordering, please always include FX.1001871/00 self-tapping screws in your order (2 pcs).

\*Some of the electronic components have to be individually programmed depending on the machine configuration. Please telephone our experts to discuss technical requirements. In these cases, the delivery time may be longer.

☺ Our experts will be pleased to provide technical advice when selecting this service part. The best solution depends on your machine configuration.



Limit switch shut off  
120 mm

Article no.	Type of machine
<b>FH.1059861/01</b>	Stahlfolder TH/KH



Limit switch, preformed  
with cable 900 mm

Article no.	Type of machine
<b>FH.1145385/00</b>	Stahlfolder TH/KH



Limit switch, preformed  
with roll

Article no.	Type of machine
<b>FH.1092841/00</b>	Stahlfolder TH/KH



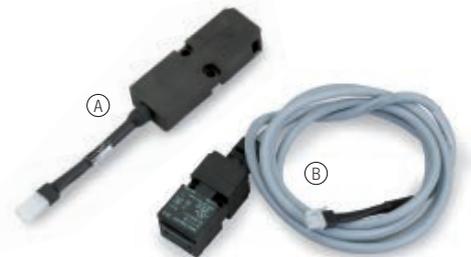
Switch complete

Article no.	Type of machine
<b>FH.1059871/02</b>	Stahlfolder TH/KH



Micro switch

Article no.	Type of machine
<b>FH.1122961/01</b>	Stahlfolder TH/KH



Switch

Article no.	Type of machine
<b>FH.1058771/02</b> (A)	Stahlfolder TH
<b>FH.1059981/02</b> (B)	Stahlfolder KH



Antenna/aerial switch

Article no.	Type of machine
<b>FH.1059871/02</b>	Stahlfolder TH/KH



Switch

Article no.	Type of machine
<b>FH.1122961/01</b>	Stahlfolder TH/KH



Inductive limit switch  
1,550 mm

Article no.	Type of machine
<b>FH.1145375/00</b>	Stahlfolder TH/KH



Cable  
(lift cable and plug)

Article no.	Type of machine
<b>FH.1094871/04</b> (C)	Stahlfolder TH/KH (above)
<b>FH.1059981/02</b>	Stahlfolder TH/KH (below)



Cable  
(TH station without lift)

Article no.	Type of machine
<b>FH.1094521/01</b>	Stahlfolder TH



Cable set for buckle plates

Article no.	Type of machine
<b>FH.1059761/01</b>	Stahlfolder TH/KH - long
<b>FH.1059771/01</b>	Stahlfolder TH/KH - short

We recommend always having these parts replaced by a Heidelberg Systemservice engineer.



### Saphira Stitching Wire Allround

Allround stitching wire is versatile and suitable for most applications. It is manufactured according to our quality standards, is ideally suited to processing on all of our Stitchmaster saddlestitchers, and delivers highly accurate results. The wire features excellent glide performance in the stitching head, low abrasion, and an attractive stitch-like appearance. A wide selection of wire thicknesses and coil sizes is available.

The standard sizes no. 24 to 26 are permanently kept in stock and other wires can be supplied within two to three working days. Special sizes and grades are also possible.

### Saphira Stitching Wire Extreme

Not all applications have the same requirements. Extreme stitching wire, for example, is extremely tough and strong with excellent piercing properties. It also exhibits greater buckling strength than Allround stitching wire. Extreme stitching wire can therefore also be used to process thicker products that up till now could only be stitched with thicker wires. Although the greater strength of Extreme stitching wire increases wear and tear, for example of the cutting knives in the stitching heads, its advantage is that you can meet a whole range of different requirements with just one wire. This not only eliminates the setup time needed for a change of a stitching head but also saves material and storage costs.

### Saphira Consumables

Under the brand name “Saphira”, Heidelberg offers a broad range of consumables covering your entire production needs in prepress, press, and postpress. Our consumables have been tested and carefully selected by our experts to be the optimal fit for your solutions.

### What's the right wire to choose?

All Original Stitching wires from Heidelberg are made for the highest productivity and best results. They are tested regularly for optimal performance. However, each wire has its own specific strength. Before application, determine the product thickness, what wire

thickness needs to be used in the stitching heads, and what stitch shape is required. The experts at Heidelberg Systemservice will be glad to help you with your selection.

### Saphira Stitching Wire Allround\*

Description	K155 / 4,1-kg coil Article no.	SD300K / 15-kg coil Article no.	BB20 / 18-kg coil Article no.
21 (0.80 mm)	FJ.0600121/00	FJ.0600221/00	FJ.0600321/00
22 (0.75 mm)	FJ.0600122/00	FJ.0600222/00	FJ.0600322/00
23 (0.70 mm)	FJ.0600123/00	FJ.0600223/00	FJ.0600323/00
24 (0.60 mm)	FJ.0600124/00	FJ.0600224/00	FJ.0600324/00
25 (0.55 mm)	FJ.0600125/00	FJ.0600225/00	FJ.0600325/00
26 (0.50 mm)	FJ.0600126/00	FJ.0600226/00	FJ.0600326/00
27 (0.45 mm)	FJ.0600127/00	FJ.0600227/00	FJ.0600327/00
28 (0.40 mm)	FJ.0600128/00	FJ.0600228/00	FJ.0600328/00
30 (0.35 mm)	FJ.0600130/00	FJ.0600230/00	FJ.0600330/00

### Saphira Stitching Wire Extreme\*

Description	K155 / 4,1-kg coil Article no.	SD300K / 15-kg coil Article no.	BB20 / 18-kg coil Article no.
21 (0.80 mm)	FJ.0600027/01	FJ.0600024/01	FJ.0600021/01
22 (0.75 mm)	FJ.0600028/01	FJ.0600025/01	FJ.0600022/01
23 (0.70 mm)	FJ.0600029/01	FJ.0600026/01	FJ.0600023/01
24 (0.60 mm)	FJ.0600006/01	FJ.0600011/01	FJ.0600016/01
25 (0.55 mm)	FJ.0600007/01	FJ.0600012/01	FJ.0600017/01
26 (0.50 mm)	FJ.0600008/01	FJ.0600013/01	FJ.0600018/01
27 (0.45 mm)	FJ.0600009/01	FJ.0600014/01	FJ.0600019/01
28 (0.40 mm)	FJ.0600010/01	FJ.0600015/01	FJ.0600020/01
30 (0.35 mm)	FJ.0600430/00	FJ.0600530/00	FJ.0600630/00

Large coils with the corresponding uncoiling device are available in addition to the standard coils listed here. Just give us a call – we'll be happy to help.

\*We keep a permanent stock of stitching wires no. 25 to 26 in coil sizes K155 (4.1 kg) and SD300K (15 kg).  
Orders for other wire thicknesses may involve longer delivery times (approx. 2-3 working days depending on the order quantity).

### Needles and razor blades

Original Heidelberg sealing and stitching needles ensure optimum processing of sealing threads and stitching twine. Specially developed for our machines, these needles help prevent the thread from splitting open during incision and so minimize bulging on the paper reverse side. This ensures optimum sealing of

the thread and means the product can be transported through the machine without any problems. Like the Original Heidelberg razor blades, they are an essential tool for efficient production and are made from premium-grade steels – for reliable results and dependable product quality.



Needle standard (thin)

Article no.	Type of machine
<b>ZD.2123-320-01-00</b>	Thread-sealing machine FS 100, FS 150



Needle special (thick)

Article no.	Type of machine
<b>ZD.2123-321-01-00</b>	Thread-sealing machine FS 100, FS 150



Special razor blade

Article no.	Type of machine
<b>FJ.8590135/01</b>	Thread-sealing machine FS 100, FS 150



Running stitch needle

Article no.	Type of machine
<b>ZD.2110-294-01-00</b>	Thread-stitching machine F 140



Sewing needle

Article no.	Type of machine
<b>ZD.2110-296-01-00</b>	Thread-stitching machine F 140



Brochure needle

Article no.	Type of machine
<b>ZD.2110-329-01-00</b>	Thread-stitching machine F 140



Hook needle

Article no.	Type of machine
<b>ZD.2110-293-01-00</b>	Thread-stitching machine F 140



Running stitch needle

Article no.	Type of machine
<b>ZD.2110-848-01-00</b>	Thread-stitching machine F 140



Running stitch needle

Article no.	Type of machine
<b>ZD.2110-295-01-00</b>	Thread-stitching machine F 140

### Thread plate chains and thread plate

Thread plates transport the sealing thread of our thread-sealing machines to the fold and are induced to do this by high-precision thread plate chains. To prevent the sealing thread from becoming roughened during this process, the surfaces of all Original Heidelberg thread plates are specially processed.

Precision take-up of the thread and its accurate delivery in the fold is ensured by a special spring mechanism designed to withstand high mechanical, chemical, and thermal stresses. To ensure smooth processes, thread plates and thread plate chains should be regularly tested, cleaned and replaced if necessary.



#### Thread plate chain ☺

Article no.	Type of machine
<b>ZD.2123-901-BE-01</b>	Thread-sealing machine FS 100, FS 150

#### Thread plate

Article no.	Type of machine
<b>ZD.2123-990-BE-01</b>	Thread-sealing machine FS 100, FS 150



#### Transfer chain, coated ☺

Article no.	Type of machine
<b>ZD.2123-890-BG-01</b>	Thread-sealing machine FS 100, FS 150

#### Puncture chain ☺

Article no.	Type of machine
<b>ZD.2123-812-BG-01</b>	Thread-sealing machine FS 100, FS 150



#### Cutting wheel cpl. ☺

Article no.	Type of machine
<b>ZD.2123-390-BE-01</b>	Thread-sealing machine FS 100, FS 150

#### Roller (sheet transport) ☺

Article no.	Type of machine
<b>ZD.2122-872-BE-01</b>	Thread-sealing machine FS 100, FS 150

☺ We recommend always having these parts replaced by a Heidelberg Systemservice engineer.

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