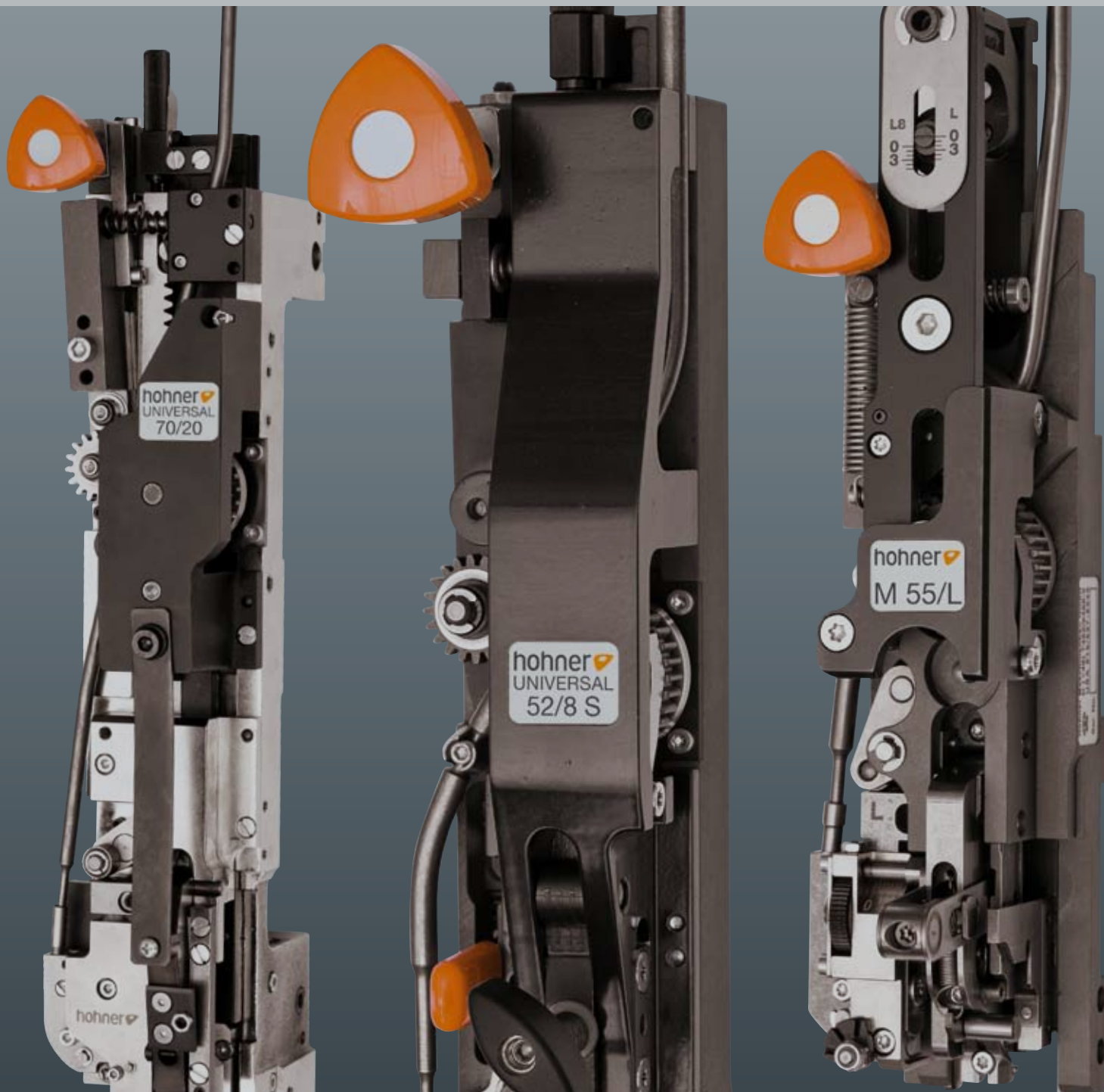


# Narrow Stitching Heads

Expertise for every application

Universal 70/20 | Universal 43/6-S | Universal 52/8-S | HSS 18 | M45/6 | M55/L | ST 43 |  
ST 55/L | HSSHKU | HSSHKM



# Hohner Maschinenbau GmbH

Our obligation to meet your individual needs -

6 good reasons to choose Hohner :



## 3 generations behind your success

A history developed over 3 generations cannot be bought, but you can sense and feel it. It is an indirect, daily influence on the spirit of our company.

With over 75 years of experience and success in machine building and over 50 years of specialization in the print finishing and wire stitching arena, Hohner today combine their experience in traditional technology with a forward looking philosophy towards companies entering the saddle stitching sector of the market for the first time, or those who are ready to take the next step towards fully automated saddle binders. Either way, we guarantee a long term, successful co-operation.

## Leader in technology:

Dependability and longevity, with the incorporation of quick set-up times and operator friendliness of our products. This is what Hohner Technology in print finishing and expressly in the wire stitching market is all about.

## Innovation

Our obligation to meet your needs is at the centre of our philosophy. We have a close co-operation with our existing customers, listening to their specific suggestions from an operator's point of view. Combine this with the expert knowledge of our highly motivated, qualified staff and you create the foundation for ongoing technological development. This is how we ensure that you will always be one step ahead with our products.

## Quality

Since the first day of our existence we have set benchmarks in precision and development work. This warrants a quality which, above all, pays off for our customers.

## An international distribution network

Keeping in touch with the market is important to us. That is why we offer worldwide availability of our stitching technology combined with expert consultancy from our headquarters in Germany. You can also count on our teams at our companies in China, Spain, UK and USA: We all want you to be satisfied, because your satisfaction is our success.

## Service

Individual consultation, flexibility, fast reaction times, long term availability of replacement parts, quick delivery, friendliness, international orientation: all these are much more than catchphrases for us.

We believe these terms are fundamental to the values of a business relationship and you will experience them with us, every day.

## Universal 70/20

The Indestructible



### ... for tough applications ...

With its two-stroke operation this stitching head fits on automatic bindery flow stations and on machines where the volumes are high and demanding.

- Well arranged with operator friendly and very fast central adjustment of stitching thickness and wire length
- Stitching thicknesses from 2 sheets to 20 mm
- Toolless wire adjustment
- Patented cutting system for optimum wire cutting, for thick and hard print products

Parameter	Universal 70/20
<b>Standard stitching</b>	
Max. stitching thickness	20 mm
Min. distance between staples	
with stitching thickness 0-3 mm	70 mm
with stitching thickness 5 mm	72 mm
with stitching thickness 10 mm	80 mm
with stitching thickness 15 mm	90 mm
with stitching thickness 20 mm	100 mm
Crown width	14 mm
Round wire No. 24-30 (0,60-0,35 mm)	x
Flat wire No. I-III (0,80 -0,60 mm)	x
<b>Serial exchange parts</b>	
Round wire No. 21-24 (0,80-0,60 mm)	x
Flat wire No. III-IV (0,96 -0,78 mm)	x
<b>Optional exchange parts</b>	
Standard stitching with 16 mm crown width	x
Max. stitching thickness	12 mm
Round wire No. 24-28 (0,60 -0,40 mm)	x
or No. 21-23 (0,80 -0,70 mm)	x
Loop stitching	x
Inner diameter of loop	6 mm
Max. stitching thickness	4 mm
Min. distance between staples 0 - 2mm	70 mm
4 mm	75 mm
Round wire No. 24-26 (0,60-0,50 mm)	x

## Universal 43/6-S

The Hohner-Mini



### ... when there isn't much room ...

The stitching head with a sensational, minimum distance between stitch centres reduced down to 43 mm.

- Operator friendliness, manageability & accessibility (for example fastening from the front)
- Toolless wire length and cutting box adjustment for different thicknesses in seconds
- Extremely easy conversion between standard and loop stitching with exchange parts sets
- 14.000 stitches per hour
- Minimum distance between stitch centres down to 43 mm
- Now more wear resistant with redesigned parts

Parameter	Universal 43/6-S
<b>Standard stitching</b>	
Max. stitching thickness	6 mm
Min. distance between staples (standard)	43-52 mm
Crown width	12 mm
Round wire	
No. 24-26 (0,6 - 0,5 mm)	x
or No. 26-28 (0,5 - 0,4 mm)	x
<b>Optional exchange parts</b>	
for loop stitching	x
round wire No. 24-26 (0,6 - 0,5 mm)	x
<b>Loop stitching</b>	
Inner diameter of loop	6 mm (bzw. 8 mm)
Max. stitching thickness	3 mm
Min. distance between staples	48-54 mm
<b>Optional exchange parts</b>	
for loop stitching 6 mm	x
for loop stitching 8 mm	x
Round wire	
No. 24-26 (0,6 - 0,5 mm)	x
or No. 26-28 (0,5 - 0,4 mm)	x



## M45/6

### The Eliminator



#### ... our answer to the competition ...

With this stitching head all users of Müller Martini, Osako and Purlux can also enjoy Hohner quality and reliability.

- Specially developed for Müller Martini, Osako and Purlux saddle binders
- One for three: Replaces the 3 original Müller Martini heads HK 75, 55 and 45
- Toolless wire length and cutting box adjustment for different stitching thicknesses in seconds
- Accommodates stitching thicknesses from 2 sheets to 6 mm
- Suitable for multiple applications due to its narrow design and 45 mm minimum between stitch distance centres
- Typical Hohner: the left centering device provides the narrowest possible distance between stitch centres

Parameter	M45/6
Max. stitching thickness	6 mm
distance between staples (standard)	45-54 mm
Crown width	12 mm
Round wire	
No. 24-26 (0,6 - 0,5 mm)	x
or No. 26-28 (0,6 - 0,4 mm)	x
or No. 23 (0,7 mm)	x
<b>Optional stitching head</b>	
for crown width 14 mm	x
Min. distance between staples	47-56 mm

## M55/L

### The Eliminator – Loop



#### ... here is where the circle comes to a close ...

The M55/L is the perfect solution for the installation of loop stitching heads on Müller Martini, Osako and Purlux stitchers.

- The ideal narrow stitching head for loop stitching on Müller Martini, Osako and Purlux saddle binders
- Toolless wire length and cutting box adjustment for different thicknesses in seconds
- Typical Hohner: centering device roll for the perfect loop
- Loop stitching in 6 mm or – uniquely – 8 mm, even down to single sheet products

Parameter	M55/L
<b>Loop stitching</b>	
Inner diameter of loop 6 mm	x
--> max. stitching thickness	4 mm*
Inner diameter of loop 8 mm	x
--> max. stitching thickness	3 mm
Min. distance between staples	55-60 mm
with centering device	70-73 mm
with centering roll	71-74 mm
Stitching wire No. 24 - 26 (0,6 - 0,5 mm)	x
<b>Optional exchange parts</b>	
Lefthand centering device	x
min. distance between staples	60 mm

\* depending on machine type

## ST 43

### The Challenger



#### ... we always have an alternative ...

The narrowest stitching head, especially developed for Heidelberg ST 400 and ST 450 saddle binders, which in addition is suitable for multiple applications because of its minimum stitch distance centres of 43 mm

- Know-How and reliability specifically for Heidelberg ST 400 and ST 450 saddle binders from the leaders in stitching technology.
- One stitching head for all stitch thicknesses from 2 sheets up to 6 mm
- Suitable for multiple applications because of its narrow design and minimum stitch distance centres of up to 43 mm
- Toolless wire length and cutting box adjustment for different stitching thicknesses in seconds
- Optional left centering device

Parameter	ST 43
<b>Standard stitching</b>	
Max. stitching thickness	6 mm
Min. distance between staples (standard)	43-50 mm
Crown width	12 mm
Round wire	
No. 24-26 (0,6 - 0,5 mm)	x
or No. 26-28 (0,6 - 0,4 mm)	x
or No. 23 (0,7 mm)	x
<b>Optional stitching head</b>	
for crown width 14 mm	x
Min. distance between staples	45-52 mm

## ST 55/L

### The Challenger – Loop



#### ... here is where the circle comes to a close ...

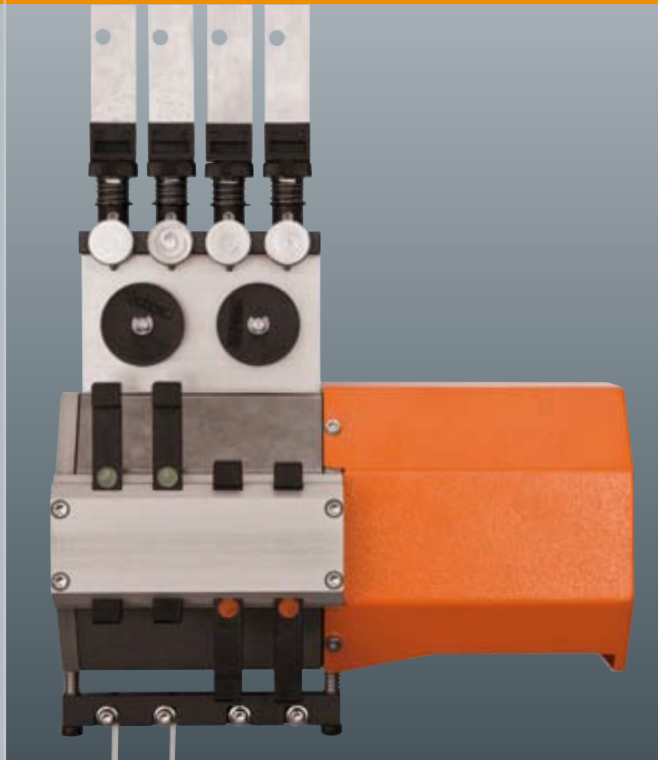
The ST55/L is the perfect solution for loop stitching on the Heidelberg ST 400 and ST 450 saddle binders.

- Specially designed for the Heidelberg ST 400 and 450 saddle binders.
- Toolless wire length and cutting box adjustment for different thicknesses in seconds
- Optional 8 mm loop with exchangeable parts sets

Parameter	ST 55/L
<b>Loop stitching</b>	
Inner diameter of loop 6 mm	x
--> max. stitching thickness	4 mm
Min. distance between staples	54 -60 mm
Crown width	16 mm
Stitching wire No. 24 - 26 (0,6 - 0,5 mm)	x
<b>Optional exchange parts</b>	
Inner diameter of loop 8 mm	x
--> max. stitching thickness	3 mm
Min. distance between staples	55-60 mm
Crown width	16 mm
Wire No. 24 - 26 (0,6 - 0,5 mm)	x

# HSSHKU/HSSHKM

The Hightech Solution



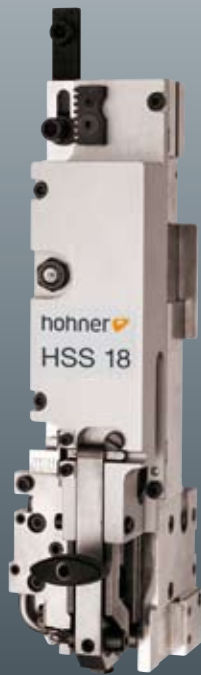
## ... for saddle binders and digital users

- HSSHK M, the special development for Müller Martini, Osako and Purlux saddle binders
- HSSHK U the special development for Heidelberg, McCain etc. saddle binders
- Programmable external gearbox for wire feed and wire length determination
- Lower set-up times with toolless wire length adjustment by push button for all heads (can be switched off individually)
- Automatic stop stitch function on the gearbox for accurate production
- Minimum service requirements
- High amount of operator friendliness
- Wire feed by stepper motor
- Can be integrated in automatic systems
- Can be extended up to 4 stitching heads

Parameter	HSSHKU	HSSHKM
Max. stitching thickness	6 mm	6 mm
Min. distance between staples (standard)	43 mm	45 mm
Crown width	12 mm	12 mm
Round wire		
Nr. 24-26 (0,6 -0,5 mm)	x	x

# HSS 18

## The Programmable One



### ... for High-Tech fanatics ...

The stitching head system of today, prepared for the future with simultaneous length adjustment, for all stitching heads with a simple the push of a button.

- Suitable for bindery flow stations and high speed saddle binders
- Either as a one-stroke system with rotary single point drive or as a two-stroke system with separate mounting for bender and driver
- Programmable external gearbox for wire feed and wire length
- Wire feed by stepper motor
- Toolless wire length adjustment by push button for all heads (can be switched off individually)
- Can be integrated in automatic systems
- Automatic stop stitch function on the gearbox for accurate production
- Can be extended up to 4 stitching heads

Parameter	HSS 18
Max stitching thickness	12,5 mm
Min. distance between staples (standard)	56-76 mm
Crown width	14 mm
Round wire	
No. 24-26 (0,6 -0,5 mm)	x
With serial exchange parts	
No. 21-23 (0,80 -0,70 mm )	x





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