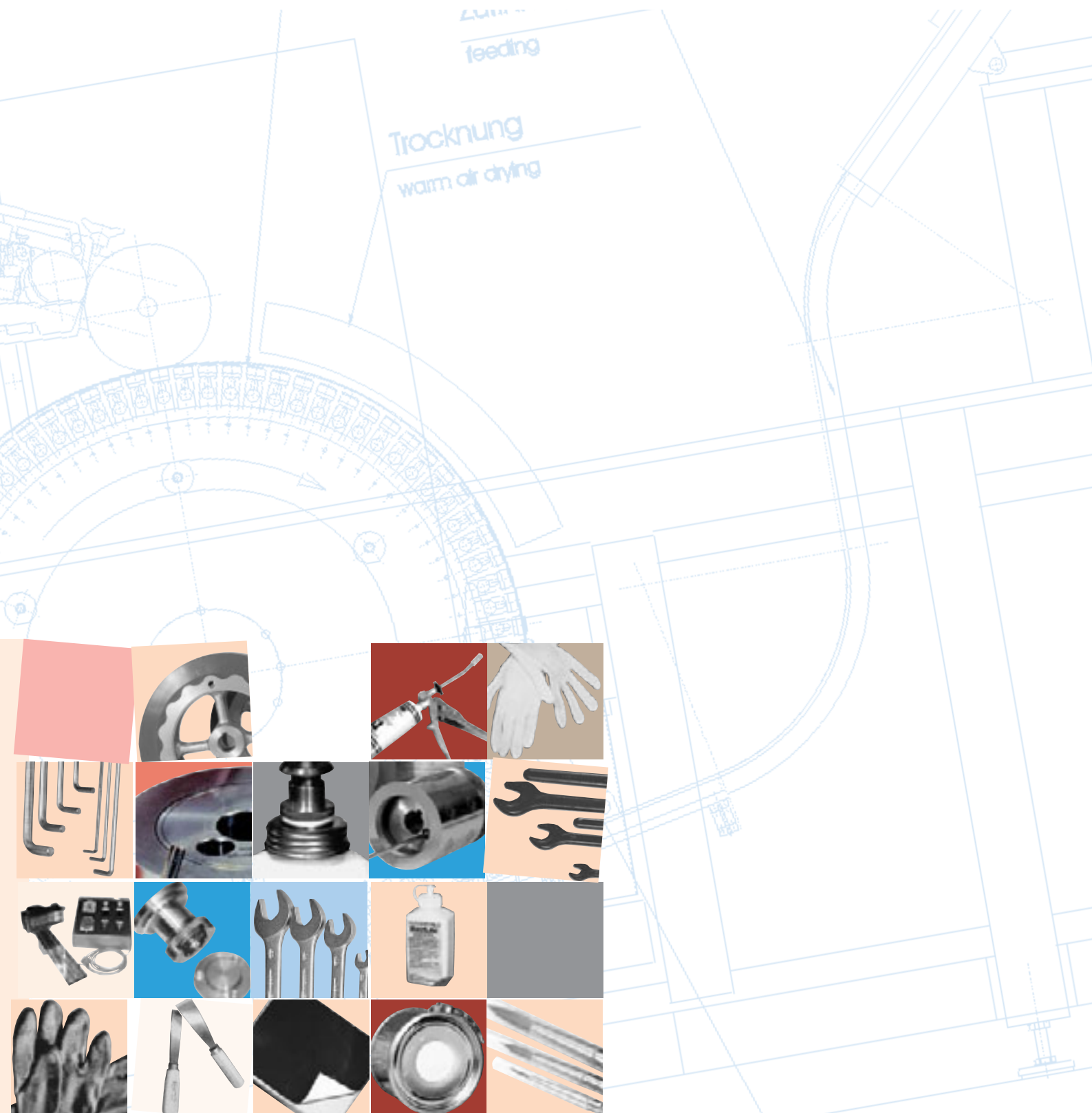


Tampon printing machines  
Special machines construction  
Laser systems and automations



# 2000 ACCESSORIES

CLICHES TAMPON ROLLERS & MORE

## Dear customers,

Tampoprint GmbH is the worldwide market leader for tampon printing machines and associated special machinery. In both these sectors we have a great number of reference machines available for demonstration. Our latest projects involve the development and marketing of laser systems and laser automations as well as further research into digital printing.

Permanent innovation has been our recipe for success for more than 40 years now!

This catalogue will show you our extensive product range. You won't find the contents listed. Instead we made up sections to allow for easy handling and assignment. All relevant information is given in the following pages.

## Where do you find us?

Our company headquarters are located directly at the Stuttgart-Zuffenhausen motorway exit.

**Our address is:**

**Tampoprint GmbH  
Lingwiesenstrasse 1  
D-70825 Korntal-Münchingen**

## How can you contact us?

**During business hours:**

|                           |                        |
|---------------------------|------------------------|
| <b>Monday to Thursday</b> | <b>8 am - 12.30 pm</b> |
|                           | <b>1 pm - 4 pm</b>     |
| <b>Friday</b>             | <b>8 am - 12.30 pm</b> |

**Switchboard:**

**Phone: +49 (0)7150/928-0, Fax: +49 (0)7150/928-400**

**Per internet:**

**<http://www.tampoprint.de>, e-mail: [info@tampoprint.de](mailto:info@tampoprint.de)**

# Info

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## Do you prefer to order by phone?

Please call our spare parts and accessories sales department.  
We have a large number of products in stock that are immediately available.

The phone number is: **+49 (0)7150/928-126 or -172**

If you like to order after our business hours please call:  
+49 (0)7150/928-127 (answering machine) or send us a fax on +49 (0)7150/928-401.  
We will process your order on the next working day.

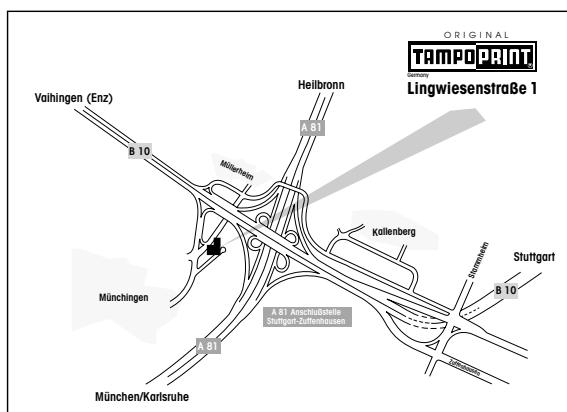
## Do you need technical support?

Our technical customer service will be glad to help you.  
Please call +49 (0)7150/928-109 from 8 am to 4 pm.

## A summary of the above:

Do you have any questions? Are there any problems? Do you need additional information?

How to find us ...



by phone: +49 (0)7150/928-0, by Fax: +49 (0)7150/928-400, by e-mail:  
info@tampoprint.de, via internet: [www.tampoprint.de](http://www.tampoprint.de), or call our local agencies.



**D-70825 Korntal-Münchingen  
Germany**

**Please return in a window envelope or send as fax to +49 (0)7150/928-401**

[illegible]

**Signature:**

☐ **TP News**  
☐ **Contact person**

# General

### Printer equipment



**Designed for newcomers to tampon printing**

**Article no.:**  
**14 10 00**

|                           |          |
|---------------------------|----------|
| Cleaning set/small        | 14 10 01 |
| Paper cups 0.22 l/50 pcs. | 14 10 39 |
| Paper cups 0.5 l/50 pcs.  | 14 10 38 |
| Mixing spatula - metal -  | 14 21 73 |
| Kleenex tissues           | 14 21 64 |
| Acid-proof gloves/1 pair  | 14 12 07 |
| Safety metering container | 14 10 20 |
| Metering container        | 14 10 22 |
| Impression paper          |          |
| 500 sheets/150 x 120 mm   | 14 21 70 |
| Hand cream                | 14 11 13 |
| Hand cleaning paste       | 14 11 09 |
| RM detergent /10 x 1 l    | 12 04 01 |

### Cliché spray



**Article no.:**

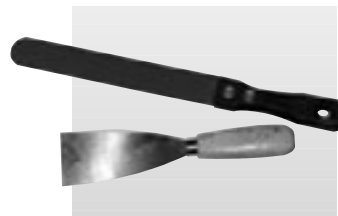
**14 11 10**

Contents: 0.5 l/530 g.

#### Application:

cleans the cliché, in particular for dried ink residue  
- without CFC -

### Spatula



**Article no.:**

**14 21 71**

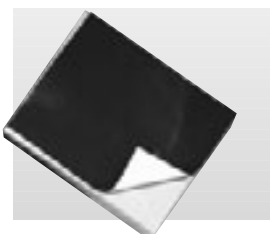
Spatula width 20 mm, total length 310 mm

**Article no.:**

**14 21 72**

Spatula width 50 mm, total length 200 mm

### Impression paper



**Article no.:**

**14 21 70**

500 sheets, black-white

### Silicone adhesive

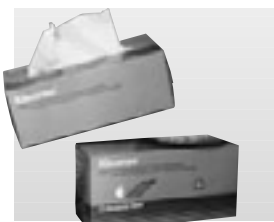


**Article no.:**

**14 10 18**

Can be used to glue tampons to the mounting plate  
when loosened. Contents 90 ml

### Kleenex cleaning tissues



**Article no.:**

**14 21 64**

Lint-free cellulosic tissues, 200 sheets box

### Hand cleaning paste



**Article no.:**

**14 11 09**

Tube contents 200 ml

### Hand cream



**Article no.:**

**14 11 13**

"liquid gloves", contents 250 ml,  
can be washed off with warm water

### Longlife oil



**Article no.:**

**14 11 12**

increases the tampon service life  
Contents approx. 450 gr.

### Textile gloves



**Article no.:**

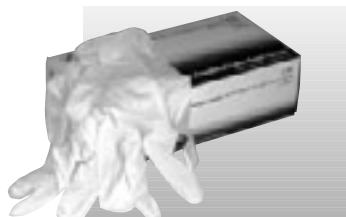
**14 10 45**

1 pair

# Accessories

## General accessories

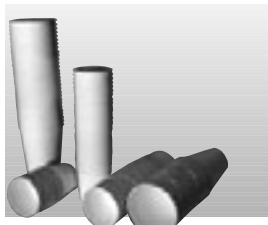
### Latex gloves



Article no.: 14 10 50

Box contents: 100 pairs

### Paper cups 0.22 l / 0.5 l



0.22 l

50 pcs. unit  
10 pcs. unit

Article no.:

14 10 39  
14 10 40

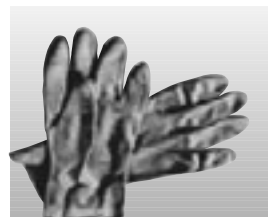
0.5 l

50 pcs. unit  
10 pcs. unit

Article no.:

14 10 38  
14 10 37

### Neopren gloves



Article no.: 14 12 07

1 pair, acid-proof, size 9 1/2

### Metering container



Article no.: 14 10 22

volume approx. 500 ml

### Safety metering container



Article no.: 14 10 51

approx. 1.5 l volume one-hand operation  
Reduces odors at the working place

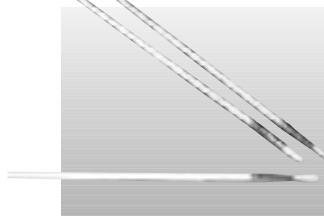
### Spraying bottle



Article no.: 14 10 16

volume approx. 500 ml

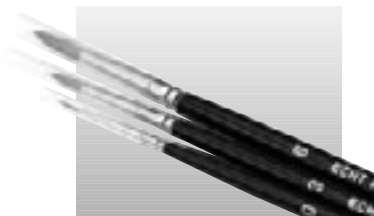
### Brushes



Article no.: 14 11 07

Size 12

### Red martin brush



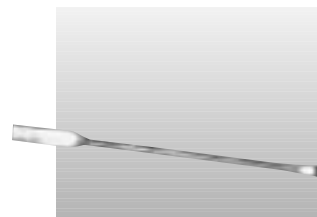
Size:

Size 0  
Size 3  
Size 6

Article no.:

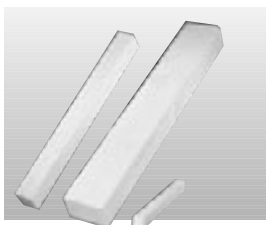
14 11 04  
14 11 05  
14 11 06

### Metal mixing spatula



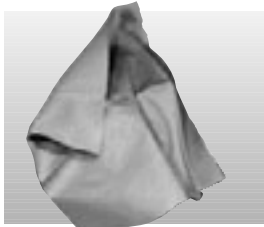
Article no.: 14 21 73

### Oil lapping stones



|                  |                     |
|------------------|---------------------|
| <b>Size:</b>     | <b>Article no.:</b> |
| 380 x 60 x 40 mm | <b>14 22 01</b>     |
| 290 x 30 x 30 mm | <b>14 21 68</b>     |
| 150 x 16 x 16 mm | <b>14 21 67</b>     |

### Antistatic tissue



Article no.: **14 10 48**

### Spare ink cup



Article no.: **14 10 15**

volume approx. 500 ml  
Lid with integrated seal

### RM detergent



|                  |                     |
|------------------|---------------------|
| <b>Contents:</b> | <b>Article no.:</b> |
| 30 l             | <b>12 94 01</b>     |
| 1 l              | <b>12 04 01</b>     |

### Test pens (surface tension)



|                                    |                     |
|------------------------------------|---------------------|
|                                    | <b>Article no.:</b> |
| 38 MN/M                            | <b>14 10 03</b>     |
| Set with 3 test pens 40-42-44 MN/M | <b>14 10 47</b>     |

### Cleaning set



Article no.: **14 10 01**

Outer dimensions w 55 x d 48 X h 18.5 cm

integrated drain cock  
should the detergent ignite, the lid closes automati-  
cally due to a bi-metal contact.

Full level: approx. 10 l detergent

### Double-sided adhesive foil



Article no.: **14 11 40**

Roll with approx. 4.5 m  
width 310 mm, thickness 0.2 mm

### Working light



Article no.: **29 38 90**

Can be mounted to the tampon printing machine,  
socket connection. Enhanced illumination at the  
machine.

#### Technical data:

Length/width/height 230 x 34 x 41 mm  
including current-saving Dulux tube: 9 W = 60 W

#### Spare tube

Article no.: **23 38 87**

Cliché manufacturing  
Cliché production

### *Exposure unit*



Article no.:

**14 22 03**

Maximum exposure area 350 x 550 mm, with vacuum suction  
Outer dimension: h 140 X w 750 X d 640 mm  
10 UV tubes à 30 watts, 220 volts connection

### *Exposure unit*



Article no.:

**44 00 01**

Maximum exposure area 350 x 150 mm, without vacuum suction  
Outer dimension: h 110 x w 500 x d 340 mm  
4 UV tubes à 15 watts, 220 volts connection  
Half-tone blocks are only partly possible.

### *Exposure unit*

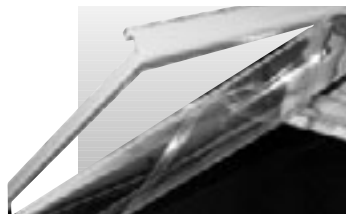


Article no.:

**14 21 97**

Maximum exposure area 250 x 350 mm, with vacuum suction  
Outer dimension: h 135 x w 505 x d 520 mm  
6 UV tubes à 30 watts, 220 volts connection

### *Spare foil*

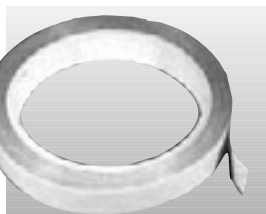


Article no.:

**14 22 12**

for exposure units with vacuum suction, 500 x 650 mm

### *Double-sided adhesive tape*



Article no.:

**14 11 42**

double-sided adhesive tape, heat resistant,  
to secure the foils

5 m

### *UV tubes*



Article no.:

**14 22 10**

UV tubes, 30 watts, for exposure units with vacuum suction

## Screen films (examples)



### screen 120 / 86%

| Size:        | Article no. : |
|--------------|---------------|
| 200 x 250 mm | 31 00 16      |
| 200 x 500 mm | 31 00 17      |

for Aqua-Nylo-and Magnet Screen clichés, depth approx. 40 mμ

### screen 100 / 86%

| Size:        | Article no. : |
|--------------|---------------|
| 200 x 250 mm | 31 00 27      |
| 200 x 500 mm | 31 00 28      |

for Aqua-Nylo-and Magnet Screen clichés, depth approx. 48 - 50 mμ

### screen 120 / 70%

| Size:        | Article no. : |
|--------------|---------------|
| 200 x 250 mm | 38 00 16      |
| 200 x 500 mm | 38 00 26      |

for Magnet Screen clichés, depth approx. 30 mμ

### screen 80 / 80%

| Size:        | Article no.: |
|--------------|--------------|
| 200 x 250 mm | 44 00 09     |

for Record Special clichés, depth depending on etching time

### screen 80 / 80%

| Size:        | Article no.: |
|--------------|--------------|
| 200 x 250 mm | 31 00 23     |
| 200 x 500 mm | 31 00 24     |

for Aqua-Nylo-and Magnet Screen clichés, depth approx. 60 - 70 mμ

### screen 54 / 80%

| Size:        | Article no.: |
|--------------|--------------|
| 200 x 250 mm | 31 00 25     |
| 200 x 500 mm | 31 00 26     |

for Aqua-Nylo-and Magnet Screen clichés, depth approx. 88 - 90 mμ

Etching depths refer to a 4 minutes exposure time with our exposure units.

## ***Film mounting foils***



### **open printing system**

| Format:         | Article no.:    |
|-----------------|-----------------|
| 200 x 500 mm    | <b>31 00 39</b> |
| Millimeter foil |                 |

### **sealed printing system**

| Cliché format: |                           | Article no.:    |
|----------------|---------------------------|-----------------|
| 60 x 105 mm    | packing unit with 10 pcs. | <b>44 40 01</b> |
| 70 x 140 mm    | packing unit with 10 pcs. | <b>44 40 02</b> |
| 100 x 215 mm   | packing unit with 10 pcs. | <b>44 40 03</b> |
| 150 x 300 mm   | packing unit with 10 pcs. | <b>44 40 04</b> |
| 160 x 350 mm   | packing unit with 10 pcs. | <b>44 40 05</b> |
| 220 x 500 mm   | packing unit with 10 pcs. | <b>44 40 06</b> |

Punching corresponds to the hole pattern of our foil clichés

## ***Film mounting plates***



### **open printing system**

| Format:      | Article no.:    |
|--------------|-----------------|
| 200 x 500 mm | <b>31 00 05</b> |

Punching corresponds to the hole spacing of our foil clichés, including 4 registration pins

### **sealed printing system**

| Cliché format: | Article no.:    |
|----------------|-----------------|
| 60 x 105 mm    | <b>44 10 61</b> |
| 70 x 140 mm    | <b>44 14 71</b> |
| 100 x 215 mm   | <b>44 10 23</b> |
| 150 x 300 mm   | <b>44 30 16</b> |
| 160 x 350 mm   | <b>44 30 17</b> |
| 220 x 500 mm   | <b>44 30 18</b> |

With 4 registration pins, engraved crosshairs to determine the tampon contact point and engraved auxiliary circle (maximum print image diameter)

### *R 241 washing agent*

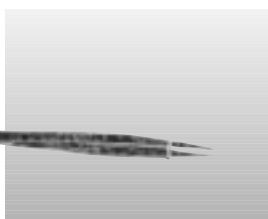


Article no.: 31 00 20

for Magnet Screen clichés, contents 20 ltr

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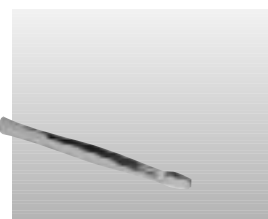
### *Film tweezers, pointed head*



Article no.: 14 11 62

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### *Film tweezers, flat head*



Article no.: 44 00 13

---

### *Red martin brush, 0/3/6*



Article no.:

|              |          |
|--------------|----------|
| Brush size 0 | 14 11 04 |
| Brush size 3 | 14 11 05 |
| Brush size 6 | 14 11 06 |

---

### *Magnifying glass*

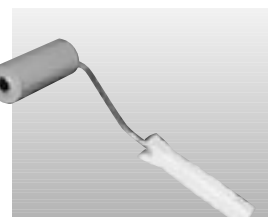


Article no.:

31 00 36

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### *Film cleaning roller*



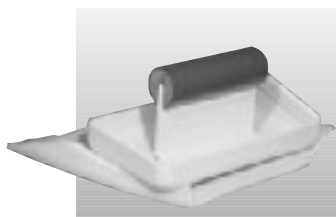
Article no.:

14 21 63

removes dust and lint from the film layout, silicone roller, width 100 mm, diameter 40 mm

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## *Plush holder and plush material*



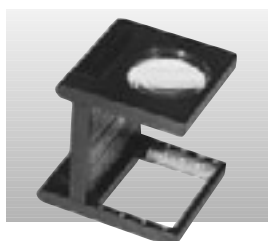
Article no.:

Plush holder  
 Plush material

31 00 14  
 31 00 15

to wash out the Magnet Screen and Aqua-Nylo-  
 clichés

## *Film magnifying glass*



Article no.:

14 10 49

for precise film layouts and cliché positioning

## *Hot-air drier*



Article no.:

31 00 29

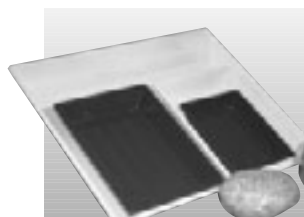
## *Goggles*



Article no.:

44 00 07

## *Washout tray without lid*



Article no.:

44 00 03

Useable area 130 x 180 mm, height 40 mm

Article no.:

44 00 04

Useable area 180 x 240 mm, height 50 mm

Article no.:

44 00 11

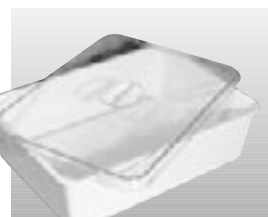
Useable area 180 x 260 mm, height 50 mm

Article no.:

44 00 12

Useable area 410 x 500 mm, height 60 mm

## *Washout tray with lid*



Article no.:

31 00 18

Useable area 200 x 300 mm, height 110 mm

### *Record developer*



Article no.:  
Contents: 1 l

44 00 06

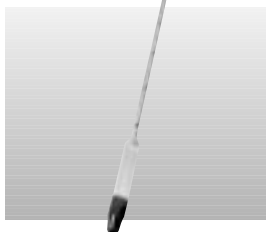
### *Ferric chloride powder*



Article no.: 44 00 05

approx. 350 g, sufficient for 1 l of water,  
makes up 1 l of etching liquid

### *Aerometer*



Article no.:  
acid density testing

44 00 14

### *Covering varnish*



Article no.: 14 12 02  
1 l bottle, retouching of faulty spots prior to etching

## **Pay attention !!**

**Do not mix the etching liquid directly in the etching unit as the heat arising might damage the unit. Only use the supplied PVC bucket. It is imperative to comply with the safety instructions when handling etching liquids!**

### *Etching unit with magnetic plate*



Article no.:  
maximum cliché size: 100 x 250 mm

44 00 02

Filling quantity: 5 l etching liquid ( ferric chloride )  
Outer dimensions: h 145 x w 300 x d 500 mm  
Connection: 220 V

The etching liquid can be mixed in the supplied PVC bucket ( 5 l ).

### *Spray etching unit with magnetic plate*



Article no.:  
maximum cliché size: 360 x 600 mm

44 01 01

Filling quantity: 12 l etching liquid ( ferric chloride )  
Outer dimensions: h 750 x w 550 x d 570 mm  
Connection: 220 V

In addition, the cliché must be secured to the magnetic plate by a PP adhesive tape !

The etching liquid can be mixed in the supplied PVC bucket ( 5 l ).

# Cliché production

## Basic equipment examples

# Cliché

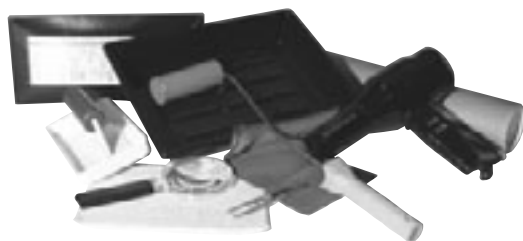
### *for the production of Record Special clichés*

| Quantity | Designation                                        | Article no. |
|----------|----------------------------------------------------|-------------|
| 1        | UV exposure unit                                   | 14 21 97    |
| 1        | foam etching unit with magnetic plate              | 44 00 02    |
| 1        | developer / 1l.                                    | 44 00 06    |
| 5        | ferric chloride / à approx. 355 g for 1 l of water | 44 00 05    |
| 1        | coating remover / 1l                               | 12 04 01    |
| 1        | acid-proof gloves                                  | 14 12 07    |
| 1        | textile gloves                                     | 14 10 45    |
| 1        | goggles                                            | 44 00 07    |
| 1        | magnifying glass                                   | 31 00 36    |
| 1        | film tweezers                                      | 44 00 13    |
| 2        | washout trays                                      | 44 00 03    |
| 1        | film cleaning roller                               | 14 21 63    |
| 1        | antistatic tissue                                  | 14 10 48    |
| 1        | hot air blower                                     | 31 00 29    |
| 1        | covering varnish / 1l                              | 14 12 02    |
| 1        | red martin brush size 0                            | 14 11 04    |
| 1        | red martin brush size 3                            | 14 11 05    |
| 1        | red martin brush size 6                            | 14 11 06    |
| 1        | areometer                                          | 44 00 14    |
| 1        | screen film                                        | 44 00 09    |
| 1        | Record cliché pack with 10 pcs.                    |             |



### *for the production of Aqua Nylo clichés*

| Quantity | Designation                                                            | Article no. |
|----------|------------------------------------------------------------------------|-------------|
| 1        | exposure unit                                                          | 14 21 97    |
| 1        | magnifying glass                                                       | 31 00 36    |
| 1        | film tweezers                                                          | 44 00 13    |
| 1        | industrial hot-air drier                                               | 31 00 29    |
| 1        | plush holder                                                           | 31 00 14    |
| 1        | plush material                                                         | 31 00 15    |
| 1        | film cleaning roller                                                   | 14 21 63    |
| 1        | pair of textile gloves                                                 | 14 10 45    |
| 1        | antistatic tissue                                                      | 14 10 48    |
| 1        | washout trays                                                          | 44 00 04    |
| 1        | Aqua Nylo cliché pack with 10 pcs.                                     |             |
| 1        | screen film / size and screen depending on cliché size and print image |             |



### *for the production of Magnet Screen clichés*

|   |                                                                        |          |
|---|------------------------------------------------------------------------|----------|
| 1 | exposure unit - max. cliché size 270 x 350 mm                          | 14 21 97 |
| 1 | washing agent - 20 l.                                                  | 31 00 20 |
| 1 | washout tray with lid                                                  | 31 00 18 |
| 1 | magnifying glass                                                       | 31 00 36 |
| 1 | film tweezers                                                          | 44 00 13 |
| 1 | industrial hot-air drier                                               | 31 00 29 |
| 1 | plush holder                                                           | 31 00 14 |
| 1 | plush material                                                         | 31 00 15 |
| 1 | goggles                                                                | 44 00 07 |
| 1 | film cleaning roller                                                   | 14 21 63 |
| 1 | pair of textile gloves                                                 | 14 10 45 |
| 1 | antistatic tissue                                                      | 14 10 48 |
| 1 | Magnet Screen cliché pack with 10 pcs.                                 |          |
| 1 | screen film / size and screen depending on cliché size and print image |          |



Doctor blades

# Doctor blades

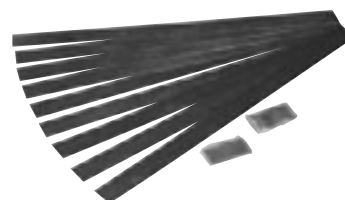
## Doctor blades - thickness 0.5 mm

| Thickness x Width x Length | Packing size | Article no. |
|----------------------------|--------------|-------------|
| 0.5 x 20 x 40 mm           | 10 pcs.      | 47 10 50    |
| 0.5 x 20 x 52 mm           | 10 pcs.      | 17 20 52    |
| 0.5 x 20 x 60 mm           | 10 pcs.      | 47 70 75    |
| 0.5 x 20 x 70 mm           | 10 pcs.      | 47 10 80    |
| 0.5 x 20 x 80 mm           | 10 pcs.      | 47 11 00    |
| 0.5 x 20 x 95 mm           | 10 pcs.      | 47 21 00    |
| 0.5 x 20 x 102 mm          | 10 pcs.      | 17 21 02    |
| 0.5 x 20 x 110 mm          | 10 pcs.      | 47 11 25    |
| 0.5 x 20 x 128 mm          | 10 pcs.      | 17 21 28    |
| 0.5 x 20 x 130 mm          | 10 pcs.      | 47 13 02    |
| 0.5 x 20 x 140 mm          | 10 pcs.      | 17 21 40    |
| 0.5 x 20 x 150 mm          | 10 pcs.      | 47 21 60    |
| 0.5 x 20 x 170 mm          | 10 pcs.      | 47 11 90    |
| 0.5 x 20 x 180 mm          | 10 pcs.      | 47 12 01    |
| 0.5 x 20 x 190 mm          | 10 pcs.      | 47 22 00    |
| 0.5 x 20 x 200 mm          | 10 pcs.      | 17 22 00    |
| 0.5 x 20 x 230 mm          | 10 pcs.      | 47 22 50    |
| 0.5 x 20 x 240 mm          | 10 pcs.      | 47 12 60    |
| 0.5 x 20 x 260 mm          | 10 pcs.      | 17 22 60    |
| 0.5 x 20 x 285 mm          | 10 pcs.      | 47 23 00    |
| 0.5 x 20 x 300 mm          | 10 pcs.      | 17 23 00    |
| 0.5 x 20 x 330 mm          | 10 pcs.      | 47 13 50    |
| 0.5 x 20 x 350 mm          | 10 pcs.      | 17 23 50    |
| 0.5 x 20 x 380 mm          | 10 pcs.      | 47 14 00    |
| 0.5 x 20 x 400 mm          | 10 pcs.      | 17 24 00    |
| 0.5 x 20 x 480 mm          | 10 pcs.      | 47 45 00    |
| 0.5 x 20 x 500 mm          | 10 pcs.      | 17 25 00    |
| 0.5 x 20 x 530 mm          | 10 pcs.      | 47 25 50    |
| 0.5 x 20 x 550 mm          | 10 pcs.      | 17 25 50    |
| 0.5 x 20 x 600 mm          | 10 pcs.      | 17 26 00    |
| 0.5 x 20 x 650 mm          | 10 pcs.      | 17 26 50    |
| 0.5 x 25 x 650 mm          | 10 pcs.      | 17 40 01    |



## Gravure doctor blades - thickness 0.2 mm

| Thickness x Width x Length | Article no. |
|----------------------------|-------------|
| 0.2 x 20 x 1000 mm         | 17 91 02    |
| 0.2 x 25 x 1000 mm         | 17 91 04    |
| 0.2 x 30 x 1000 mm         | 17 91 03    |
| 0.2 x 20 x 10.000 mm       | 17 91 05    |
| 0.2 x 25 x 10.000 mm       | 17 91 07    |
| 0.2 x 30 x 10.000 mm       | 17 91 06    |



## Rotary printing doctor blades (special grinding)

| Thickness x Width x Length | Article no. |
|----------------------------|-------------|
| 0.3 x 20 x 1000 mm         | 17 91 08    |
| 0.3 x 20 x 5000 mm         | 17 91 09    |
| 0.5 x 20 x 70 mm           | 47 60 50    |
| 0.5 x 20 x 128 mm          | 47 61 00    |
| 0.5 x 20 x 170 mm          | 47 61 50    |
| 0.5 x 20 x 230 mm          | 47 62 00    |
| 0.5 x 20 x 330 mm          | 47 63 00    |

# Special accessories

# Additional accessories

## RM detergent



Article no.:

1 l container  
30 l container

12 04 01  
12 94 01

### Application:

Detergent for printing accessories.

Safety remarks: pages 7/8/9, 16, 29

## Air spray



Article no.:

14 10 17

Air spray - flat nozzle: w 24 mm  
Maxi hose: l 470 mm

### Application:

After having taken up the print image, the ink on the tampon is lightly blown (preliminary drying) enabling better ink transmission and quicker colour sequences with multicolour printing (higher output/pcs. per hour).

Warning: only use oil-free, prefiltered compressed air.

Filter und regulator unit

23 86 28

### Accessories for a. m. air spray:

|                                   |          |
|-----------------------------------|----------|
| Air shower - flat nozzle 24 mm    | 19 52 93 |
| Air shower - threaded nipple 1/4" | 19 52 94 |
| Air shower - Y-turn               | 19 52 95 |
| Air shower - threaded nipple 1/8" | 19 52 96 |
| Air shower - pointed nozzle       | 19 52 97 |
| Air shower - hose 1 m.            | 19 52 98 |
| Air shower - stop cock            | 19 55 54 |

## Spray washing set



Article no.:

14 22 07

### Size:

closed:  
open:

l 575 x w 370 x h 1050 mm  
l 485 x w 305 mm

### Application:

Cleans all TAMPOPRINT machine parts that are to be cleaned from one-component-ink. The set is not explosion-proof. Only use detergents with a flash point of > 40°C.

### Technical description:

V2A model with transparent cover. Rotable spraying rod with synthetic handle. High-pressure pump with preceding exchangeable filter as well as lateral drain cock for detergent exchange.

### Technical data:

|                   |                                              |
|-------------------|----------------------------------------------|
| Connected load:   | 380 V, 50 Hz, 0,37 KW                        |
| Detergent:        | TP "RM" detergent<br>(for one-component ink) |
| Filling quantity: | 50 l of detergent                            |
| Weight:           | empty 65 kg                                  |
| Solvent:          | organic                                      |

### *Inking systems*



**Fully automatic inking system 1.5 l**



**Fully automatic inking system 3 l**



**Article no.:**

**02 05 08**

Filling quantity of ready-to-print ink: 1.5 l of one-component ink  
Solvents container: 0.6 l

**Application:**

Additional feature for all "open" system and rotary tampon printing machines.

**Technical details:**

Equipped with a viscosity testing device; solvent dosing control electronics, mixing device in the ink cup. Special gear wheel pump.

**Technical data:**

Power consumption: 130 W  
Control voltage: 220 V, AC/ 50Hz

**Article no.:**

**02 05 09**

Filling quantity of ready-to-print ink: 2.5 l of one-component ink  
Solvents container: 0.6 l

**Application:**

Additional feature for all "open" system and rotary tampon printing machines.

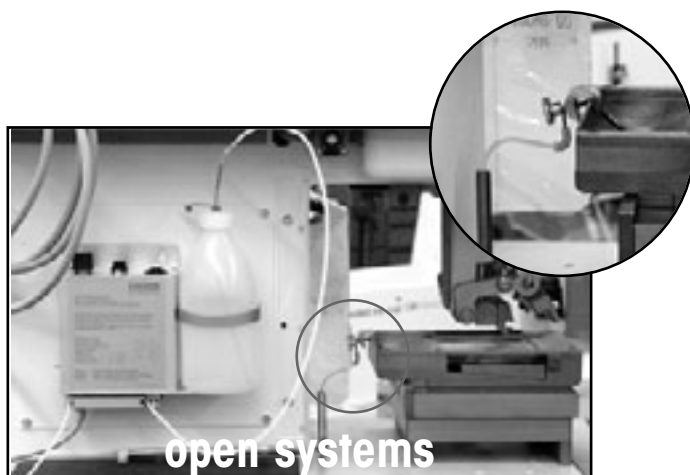
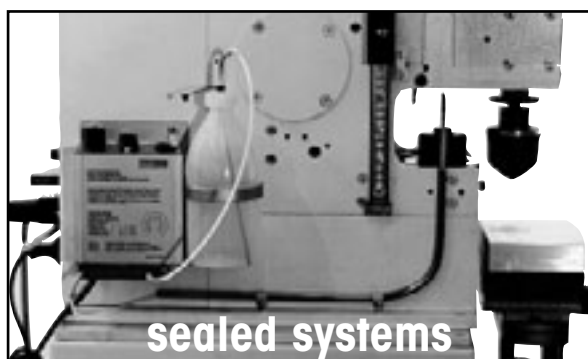
**Technical details:**

Equipped with a viscosity testing device; solvent dosing control electronics, mixing device in the ink cup. Special gear wheel pump.

**Technical data:**

Power consumption: 130 W  
Control voltage: 220 V, AC/ 50 - 60Hz

## *Thinner metering systems*



### *Mono thinner metering system for sealed systems*



Article no.:

02 05 12

without ink/doctoring cup

#### **Advantages:**

The laborious refilling of thinners belongs to the past. The ink consistency is kept at the same level for a longer period than with manual thinner refilling. Increases machine availability.

#### **Application:**

Supplies one 1-colour ink/doctoring cup.

#### **Technical details:**

The metering quantity can be adjusted individually depending on machine cycle and Tampoprint colour type.

The metering is infinitely adjustable from 1 to 31 (10 - 24 ml) with reference to the flow quantity during 8 hours. Connection to the machine socket.

### *Mono thinner metering system for open systems*



Article no.:

02 05 13

designed for cliché sizes of max. 100 x 100 mm

#### **Application:**

Is screwed onto the tampon printing machine laterally. Machine socket connection or external connection.

#### **Functioning:**

The metering quantity can be adjusted individually depending on printing machine cycle and Tampoprint colour type.

The metering is infinitely adjustable from 1 to 31. The flow quantity during a shift of 8 hours is approx. 25-55 ml.

#### **Advantages:**

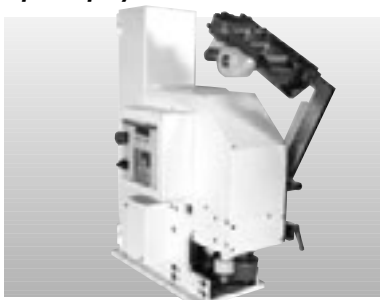
Saves time as you do not need to manually add thinner during the printing process. Up to now this required a lot of experience in order to keep the ink consistency at the correct level.

# Special accessories

## Ink residue pick up systems

### *Ink residue pick up systems and equipment*

#### *Ink residue pick up system*



| Machine type             | mounted on the left | mounted on the right | guard on the left | guard on the right |
|--------------------------|---------------------|----------------------|-------------------|--------------------|
| Encoder 40 EP*           | 02 30 60            | 02 30 50             | 25 50 89          | 25 50 81           |
| Encoder 40 EP            | 02 30 77            | 02 30 78             | -                 | -                  |
| Encoder 50 EP*           | 02 30 61            | 02 30 51             | 25 50 90          | 25 50 82           |
| Rapid 60                 | 02 30 62            | 02 30 52             | 25 50 91          | 25 50 83           |
| Rapid 90                 | 02 30 63            | 02 30 53             | 25 50 92          | 25 50 84           |
| Rapid 130                | 02 30 64            | 02 30 54             | 25 50 93          | 25 50 85           |
| Hermetic 61 <sup>1</sup> | 02 30 65            | 02 30 55             | 02 50 94          | 25 50 86           |
| Hermetic 90 <sup>1</sup> | 02 30 66            | 02 30 56             | 25 50 95          | 25 50 87           |
| Hermetic 150             | 02 30 67            | 02 30 57             | 25 50 96          | 25 50 88           |
| Vario 90/130             | 02 30 68            | 02 30 58             | 25 04 13          | 25 04 12           |
| Standard                 | 02 30 69            | 02 30 59             | -                 | -                  |

| Machine type  | ink residue pick up system with swingup feature |
|---------------|-------------------------------------------------|
| Encoder 40 EP | 02 30 74                                        |
| Encoder 50 EP | 02 30 72                                        |
| Rapid 60      | 02 30 70                                        |
| Rapid 90      | 02 30 71                                        |
| Hermetic 90   | 02 30 73                                        |

| Machine type  | Ink residue pick up system complete |
|---------------|-------------------------------------|
| Hermetic 6-11 | 02 30 75                            |
| Hermetic 9-11 | 02 30 76                            |

\* solenoid valve and cable for ink residue system prepared

<sup>1</sup> only with separate counter or manual operation

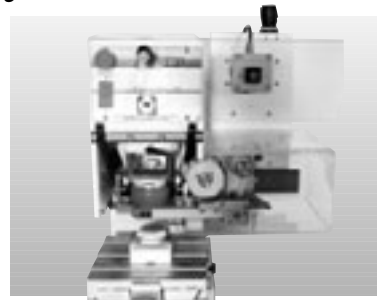
#### **Function:**

Automatic cleaning of tampon from ink residues before a print stoppage to avoid ink residues to dry up on tampon or after a print stoppage, to remove dried-up ink residues. You can choose between automatic cleaning cycles or manual connection.

#### **Ink residue pick up system swingable upwards:**

If the cliché and ink/doctoring cup can only be changed from the front and there is not enough space on the left or right of the tampon printing machines, it is possible to swing the ink residue pick up system away and to reposition it after

#### *Reordering foils*



| Ink cup Ø | Cliché size | Article no. |
|-----------|-------------|-------------|
| Ø 60      | 140 x 70    | 14 22 14    |
| Ø 90      | 215 x 100   | 14 22 15    |
| Ø 130     | 150 x 300   | 14 22 16    |
| Ø 150     | 160 x 350   | 14 22 21    |
| Ø 210     | 220 x 500   | 14 22 22    |

#### **Technical data:**

|                               |                      |          |
|-------------------------------|----------------------|----------|
| Drive:                        | pneumatic            |          |
| Cup size Ø 60 mm              | w 55 mm x l 28 m     | 14 22 14 |
| Cleaning cycles per foil roll | approx. 6,500 cycles |          |
| Feed per cycle                | approx. 8 mm         |          |
| Cup size Ø 90 mm              | w 85 mm x l 28 m     | 14 22 15 |
| Cleaning cycles per foil roll | approx. 5,000 cycles |          |
| Feed per cycle                | 10 mm                |          |
| Cup size Ø 130 mm             | w 125 mm x l 28 m    | 14 22 16 |
| Cleaning cycles per foil roll | approx. 3,800 cycles |          |
| Feed per cycle                | 12 mm                |          |
| Cup size Ø 150 mm             | w 145 mm x l 28 m    | 14 22 21 |
| Cleaning cycles per foil roll | approx. 3,800 cycles |          |
| Feed per cycle                | 12 mm                |          |

Ink residue pick up system without preselection, with manual operation.

| Ink cup Ø  | Cliché size | Article no. |
|------------|-------------|-------------|
| Ø 60 right | 140 x 70    | 02 30 54    |
| Ø 60 left  | 140 x 70    | 02 30 65    |
| Ø 90 right | 215 x 100   | 02 30 56    |
| Ø 90 left  | 215 x 100   | 02 30 66    |

having changed the cliché and the ink/doctoring cup. A gas pressure spring supports and facilitates the swinging.

#### **Advantages:**

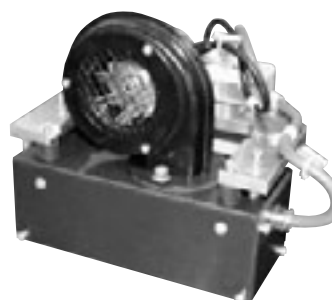
no rejects due to misprints constant printing quality with high-speed tampon printing lines

**Ink residue pick up system assembly** (on location of Tampoprint GmbH) **Art. no.: 02 31 16**

## Infrared dryers



compact unit



built-in unit

### Infrared surface shock dryer



#### Application:

For dark colour printing images on light printing components. Operates in synchronization with the tampon printing machine according to the printing cycles or can be controlled by a microswitch either actuated by the component or the jig carrier.

#### Technical data:

Output: linearly adjustable up to 3,000 watts

#### Technical details:

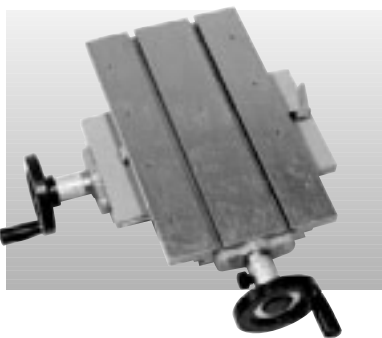
- 1 to 4 twin tube infrared lamps, gold coated in a V2A metal sheet housing with insulated outer casing and ventilation motor.

- The infrared lamp is operated with basic load (10-30% of the output) during down-times. This increases the infrared lamp service life considerably and switches to full output (100%) within a very short time.

| Article no. | Type                | Tubes | Output   | Print image size | Length | Housing | Height |
|-------------|---------------------|-------|----------|------------------|--------|---------|--------|
|             |                     |       |          |                  | mm     | Width   |        |
| 02 01 20    | 80/1 Compact        | 1     | 600 W    | 80 x 50 mm       | 190    | 80      | 70     |
| 02 01 21    | 80/1 Built-in unit  | 1     | 600 W    | 80 x 50 mm       | 190    | 80      | 70     |
| 02 01 22    | 80/2 Compact        | 2     | 1,200 W  | 80 x 75 mm       | 190    | 80      | 70     |
| 02 01 23    | 80/2 Built-in unit  | 2     | 1,200 W  | 80 x 75 mm       | 190    | 80      | 70     |
| 02 01 24    | 125/1 Compact       | 1     | 1,000 W  | 125 x 50 mm      | 236    | 80      | 70     |
| 02 01 25    | 125/1 Built-in unit | 1     | 1,000 W  | 125 x 50 mm      | 236    | 80      | 70     |
| 02 01 26    | 125/2 Compact       | 2     | 2,000 W  | 125 x 85 mm      | 236    | 80      | 70     |
| 02 01 27    | 125/2 Built-in unit | 2     | 2,000 W  | 125 x 85 mm      | 236    | 80      | 70     |
| 02 01 28    | 125/3 Compact       | 3     | 3,000 W  | 125 x 120 mm     | 236    | 126     | 70     |
| 02 01 29    | 125/3 Built-in unit | 3     | 3,000 W  | 125 x 120 mm     | 236    | 126     | 70     |
| 02 01 30    | 200/1 Compact       | 1     | 1,500 W  | 200 x 50 mm      | 346    | 80      | 70     |
| 02 01 31    | 200/1 Built-in unit | 1     | 1,500 W  | 200 x 50 mm      | 346    | 80      | 70     |
| 02 01 32    | 200/2 Compact       | 2     | 3,000 W  | 200 x 85 mm      | 346    | 116     | 70     |
| 02 01 33    | 200/2 Built-in unit | 2     | 3,000 W  | 200 x 85 mm      | 346    | 116     | 70     |
| 02 01 34    | 200/3 Compact       | 3     | 4,500 W  | 200 x 120 mm     | 346    | 155     | 70     |
| 02 01 35    | 200/3 Built-in unit | 3     | 4,500 W  | 200 x 120 mm     | 346    | 155     | 70     |
| 02 01 36    | 340/1 Compact       | 1     | 1,200 W  | 340 x 50 mm      | 450    | 80      | 70     |
| 02 01 37    | 340/1 Built-in unit | 1     | 1,200 W  | 340 x 50 mm      | 450    | 80      | 70     |
| 02 01 38    | 340/2 Compact       | 2     | 2,400 W  | 340 x 85 mm      | 450    | 116     | 70     |
| 02 01 39    | 340/2 Built-in unit | 2     | 2,400 W  | 340 x 85 mm      | 450    | 116     | 70     |
| 02 01 40    | 340/3 Built-in unit | 3     | 3,600 W  | 340 x 120 mm     | 450    | 146     | 70     |
| 02 01 41    | 340/3 Compact       | 3     | 3,600 W  | 340 x 120 mm     | 450    | 146     | 70     |
| 02 01 42    | 500/1 Compact       | 1     | 3,000 W  | 500 x 50 mm      | 712    | 80      | 70     |
| 02 01 43    | 500/1 Built-in unit | 1     | 3,000 W  | 500 x 50 mm      | 712    | 80      | 70     |
| 02 01 44    | 500/2 Compact       | 2     | 6,000 W  | 500 x 85 mm      | 712    | 116     | 70     |
| 02 01 45    | 500/2 Built-in unit | 2     | 6,000 W  | 500 x 85 mm      | 712    | 116     | 70     |
| 02 01 46    | 500/3 Compact       | 3     | 9,000 W  | 500 x 120 mm     | 712    | 156     | 70     |
| 02 01 47    | 500/3 Built-in unit | 3     | 9,000 W  | 500 x 120 mm     | 712    | 156     | 70     |
| 02 01 48    | 500/4 Compact       | 4     | 12,000 W | 500 x 200 mm     | 712    | 206     | 70     |
| 02 01 49    | 500/4 Built-in unit | 4     | 12,000 W | 500 x 200 mm     | 712    | 206     | 70     |

### Cross tables

#### Cross table for floor standing model



Article no.:

14 10 23

##### Application field:

Facilitates precise component positioning - available as option for your tampon printing machine

##### Design:

Made of grey cast iron with precision spindles. The adjusting spindles are mounted in concealed position and are protected from any contamination. Fine threaded spindles are held in solid bearings and are operated by hand wheels with crank handles. Scale rings with zero point setting and a 0.02 mm graduation allow for precise setting of both the carriages. All guiding paths are ground and can be adjusted by means of setting screws. The table surface has been ground and is equipped with T-nuts according to the DIN German Industrial Standard. Cross and transversal carriages with measuring scale and pointer in mm graduation. Support spindles in hardened and ground design are available at extra cost.

##### Cross support large

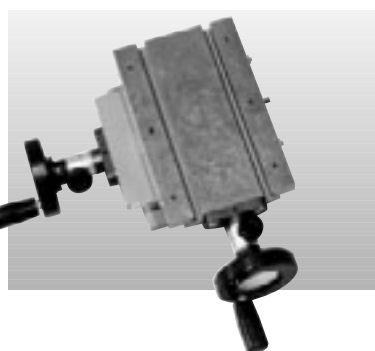
##### Technical data:

|                                  |              |
|----------------------------------|--------------|
| Clamping surface                 | 200 x 340 mm |
| Centre-to-centre T-slots spacing | 80 mm        |
| Basic surface                    | 210 x 160 mm |
| Total height                     | 86 mm        |
| x-axis                           | 160 mm       |
| y-axis                           | 110 mm       |
| Graduation mark                  | 0.02 mm      |
| Loading weight                   | 19,8 kg      |

##### Included in delivery:

|                                                  |          |
|--------------------------------------------------|----------|
| Accessories for jigs or to secure the components |          |
| Clamping iron                                    | 14 10 24 |
| T-nuts, (2) 6 H 8                                | 14 10 21 |
| Discs (2)                                        | 23 85 59 |
| Socket head cap screws (2)                       | 29 55 53 |

#### Cross table for bench models



Article no.:

14 10 25

Cross support small

##### Application:

Can be mounted on all open systems of the TAMPOPRINT tampon printing machines models TT/TS 80/31.

##### Design:

see Art. no.: 14 10 23

##### Technical data:

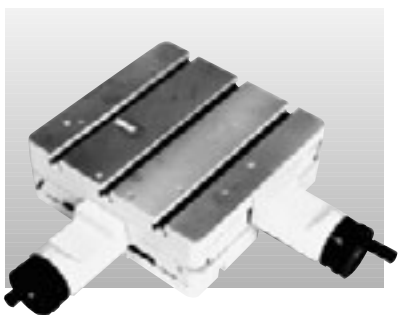
|                                  |              |
|----------------------------------|--------------|
| Clamping surface                 | 100 x 160 mm |
| Centre-to-centre T-slots spacing | 54 mm        |
| Basic surface                    | 100 x 130 mm |
| Total height                     | 48 mm        |
| x-axis                           | 100 mm       |
| y-axis                           | 40 mm        |
| Graduation mark                  | 0.02 mm      |
| Loading weight                   | 4,1 kg       |

##### Included in delivery:

|                                                  |          |
|--------------------------------------------------|----------|
| Accessories for jigs or to secure the components |          |
| Clamping iron                                    | 14 10 24 |
| T-nuts, (2) 6 H 8                                | 14 10 21 |
| Discs (2)                                        | 23 85 59 |
| Socket head cap screws (2)                       | 29 55 53 |

## Cross tables

**Aluminium cross table** for all bench models open + sealed systems



Article no.:

14 10 31

Standard equipment for Hermetic 61 / Hermetic 90 / Hermetic 611-universal.  
Special equipment for Sealed Ink cup 130 / Sealed Ink cup 90.  
Special equipment for all open tampon printing machines

**Application:**

Facilitates precise component positioning, available as option for your tampon printing machines

**Design:**

Made of diecast aluminium, with precisely milled dovetail guides that are adjustable without play. Longitudinal and lateral settings are carried out by means of adjusting wheels with adjustable zero point. The wheel position can be fixed by means of locking screws. The flat milled clamping area with three continuous 8 T-slots at a distance of 60 mm are used for securing T-nuts, clamping irons or similar.

Aluminium cross support with height adjustment.

**Technical data:**

|                                                           |              |
|-----------------------------------------------------------|--------------|
| Clamping surface                                          | 197 x 197 mm |
| x-axis                                                    | +/- 70 mm    |
| y-axis                                                    | 35-85 mm     |
| 1 turn of the adjusting wheel = direction of displacement | 2 mm         |
| 1 graduation mark                                         | 0.05 mm      |
| Lacquer                                                   | RAL 9001     |
| Weight                                                    | 3 kg         |

**Included in the delivery:**

|                                                  |          |
|--------------------------------------------------|----------|
| Accessories for jigs or to secure the components |          |
| Clamping iron                                    | 14 10 24 |
| T-nuts, (2) 6 H 8                                | 14 10 21 |
| Discs (2)                                        | 23 85 59 |
| Socket head cap screws (2)                       | 29 55 53 |

**SIC 60 cross support**



Article no.:

25 05 64

Special cross table for Sealed Ink Cup 60; only for Sealed Ink Cup 60

**Application:**

Facilitates precise component positioning, available as option for your tampon printing machines

**Design:**

Made of aluminium profile material. The longitudinal and lateral settings are carried out by means of adjusting wheels. The wheel position can be fixed by a clamping lever. The clamping surface with five continuous 8 H8 T-slots at a distance of 25 mm is used for securing clamping claws or similar.

Aluminium cross support with height adjustment.

**Technical data:**

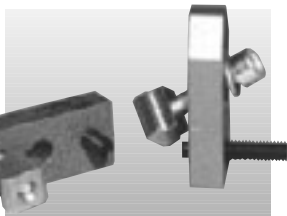
|                                                           |              |
|-----------------------------------------------------------|--------------|
| Clamping surface                                          | 195 x 125 mm |
| z-axis                                                    | +/- 20 mm    |
| x-axis                                                    | +/- 10 mm    |
| y-axis                                                    | +/- 10 mm    |
| 1 turn of the adjusting wheel = direction of displacement | 1 mm         |
| 1 graduation mark                                         | 0.05 mm      |
| Load capacity                                             | 800 N        |
| Weight                                                    | 4 kg         |

**Included in the delivery:**

|                                                  |          |
|--------------------------------------------------|----------|
| Accessories for jigs or to secure the components |          |
| Clamping iron                                    | 14 10 24 |
| T-nuts, (2) 6 H 8                                | 14 10 21 |
| Discs (2)                                        | 23 85 59 |
| Socket head cap screws (2)                       | 29 55 53 |

### Miscellaneous accessories

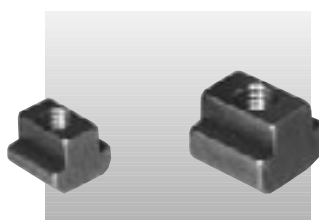
#### Clamping iron



Article no.: 14 10 24

**Application:**  
For all before-mentioned cross tables.

#### Nut for T-slot cross tables



Article no:

|          |        |
|----------|--------|
| 14 10 21 | M6 x 8 |
| 14 10 30 | M5 x 6 |

#### White touch up lacquer

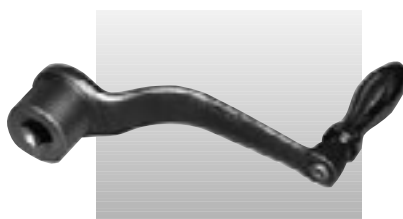


Article no: 14 11 97

Container: 1 l (1-component ink)  
Ink shade: RAL 9001

**Application:**  
Touching up TAMPOPRINT tampon printing machines.

#### Crank handle



|                      |                     |
|----------------------|---------------------|
| <b>Models</b>        | <b>Article no.:</b> |
| for TS 250/31        | 14 11 98            |
| for all other models | 23 02 57            |

**Application:**  
For TAMPOPRINT floor standing tampon printing machines with height-adjustable angle table.

|                        |          |
|------------------------|----------|
| <b>Technical data:</b> |          |
| elbowed size 14        | 14 11 98 |
| elbowed size 10        | 23 02 57 |

#### Green hammer finish enamel



|                     |                            |
|---------------------|----------------------------|
| <b>Article no.:</b> | <b>14 11 93</b>            |
| Container:          | 1 l + "HS" hardener 100 ml |
| Colour shade:       | RAL 60 11                  |
| Mixing ratio:       | 1 kg ink = 30 ml hardener  |

**Application:**  
Touching up TAMPOPRINT tampon printing machines.

#### Green structure lacquer

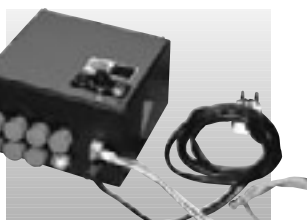


|                     |                                |
|---------------------|--------------------------------|
| <b>Article no.:</b> | <b>14 12 01</b>                |
| Container:          | 1 l + "Strck." hardener 100 ml |
| Colour shade:       | RAL 60 11                      |
| Mixing ratio:       | 1 kg ink = 30 ml hardener      |

**Application:**  
Touching up TAMPOPRINT tampon printing machines.

## *Ionizings and accessories*

### *Ionizing basic unit 8 HS*



Article no.: **02 06 09**

A maximum of 8 ionizing rods or ions spray heads can be connected to the screw-in sockets by means of a high voltage cable ( optional rod length from 200 to 900 mm).

**Technical details:**

Equipped with an On/Off switch and a functions indicator lamp.

**Technical data:**

Supply voltage: 220 V, 50-60 Hz, VA7,9/ 7kV  
(special voltage on request)  
High voltage transformer: 8,000 V  
Output: 3 mA

### *Ionizing basic unit 4 HS*



Article no.: **02 06 10**

Model depends on the components geometry

**Application:**

A maximum of 4 ionizing rods or ions spray heads can be connected to the screw-in sockets by means of a high voltage cable (optional rod length from 200 to 900 mm).

**Technical details:**

Equipped with an On/Off switch and a functions indicator lamp.

**Technical data:**

Supply voltage: 230 V, 50-60 Hz, VA50  
(special voltage on request)  
High voltage transformer: 8,000 V  
Output: 3 mA

### *Ionizing spray head for components*



Article no.: **02 06 25**

**Application:**

Blows away electrostatically charged dust particles from the surface of the components.

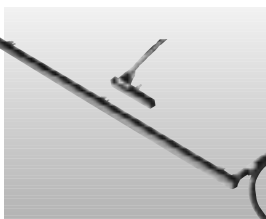
**Technical details:**

Ion generator supported by compressed air via low pressure fine filter. Allows subsequent treatment of the already prefiltered air. Two separate ion nozzles with positive - negative ion transmission.

**Warning:**

Can only be operated with inline low pressure fine filter.

### *Tampon ionizing rods*



**Size**

length 100 mm **02 06 20**  
length 190 mm **02 06 11**  
length 350 mm **02 06 12**  
length 600 mm **02 06 13**  
lengths up to 900 mm are available upon request.

**Article no.:**

### *Low pressure fine filter*



Article no.: **23 86 28**

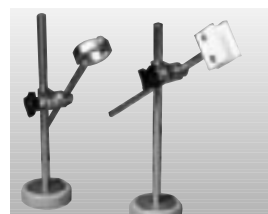
**Warning:**

only use oil-free compressed air for the subsequent spray heads.

**Application:**

The high performance ionizing rods remove the static charge from the tampon surfaces or the components.

### *Magnetic support*



**Article**

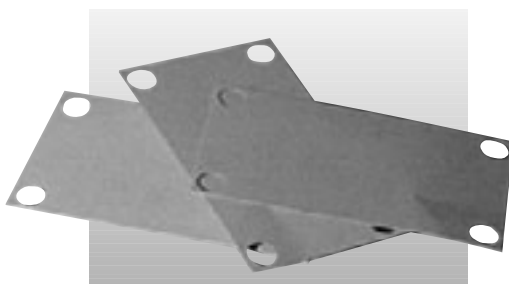
for spray head  
for ionizing rod

**Article no.:**

**23 86 27**  
**23 86 26**

# Sealed systems

## *Interleaving paper*



### **Format**

60 x 105 mm  
70 x 140 mm  
100 x 215 mm  
150 x 300 mm  
160 x 350 mm  
220 x 500 mm

packing unit with 10 pcs.  
packing unit with 10 pcs.  
packing unit with 10 pcs.  
packing unit with 10 pcs.  
packing unit with 10 pcs.  
packing unit with 10 pcs.

### **Article no.:**

**14 34 23**  
**14 34 24**  
**14 34 25**  
**14 34 26**  
**14 34 27**  
**14 34 28**

The interleaving paper is inserted between the magnetic plate and the foil cliché providing better doctoring results due to a higher flexibility. Prevents small particles on the bottom side of the cliché or the magnetic plate from leaving dents on the cliché which will then be damaged by the doctoring up.  
Indispensable for foil clichés with Ø 210 mm doctoring cup machines.

## *Lapping plate and paste*



### **Article no.:**

#### **Plate**

**14 11 31**

Diecast plate format 200x160x20 mm

#### **Plate**

**14 11 32**

Diecast plate format 315x300x25 mm

#### **Paste**

**14 11 30**

Tube à 145 gr / graining 800  
grinds the doctoring lip of the doctoring cup

# Accessories

Sealed systems  
Doctoring cup Ø 40 mm  
Cliché size 60 x 105 mm



## Doctoring cups

Standard model, metal

Article no.:

09 00 02

for overhead printing, lateral pressure connection,  
without expansion bellows and connection material

09 00 10

for overhead printing, lateral pressure connection,  
with expansion bellows, portable sockets and coupling

09 00 06

## Thrust collar

Article no.:

for standard and overhead printing doctoring cups

09 00 81

## Cliché storage rack

Article no.:

09 00 91

## Mounting table

Article no.:

09 00 61

## Gripping tongs

Article no.:

09 00 71

## Interleaving paper

packing unit with 10 pcs.

Article no.:

14 34 23

## Holding plates

Article no.:

Magnetic holding plate for Magnet Screen and Record clichés with  
4 registration pins and inserted retaining magnets

14 60 02

Holding plate for Aloxid clichés with 2 registration pins and  
4 holding down clamps to secure the cliché

14 61 02

## Raw material cliché - non-etched

Article no.:

Steel cliché

27 00 60

Record clichés

packing unit with 10 pcs.

44 10 60

Magnet Screen clichés

packing unit with 10 pcs.

31 10 60

Aloxid clichés

packing unit with 10 pcs.

41 10 60

## Film mounting plates

Article no.:

44 10 61

## Film mounting foils

Article no.:

packing unit with 10 pcs.

44 40 01

ORIGINAL

**TAMPOPRINT**  
Germany

Issued: February 2000 - Accessories - sealed systems



## Doctoring cups

Standard model, plastic cup  
 30° - beveled thrust collar flange

Article no.:

09 00 29

for overhead printing, metal cup, lateral pressure connection,  
 without expansion bellows and connection material

09 00 11

for overhead printing, metal cup, lateral pressure connection,  
 with expansion bellows, portable sockets and coupling

09 00 07

2 - colours, 1 central separator (metal), metal cup

09 00 21

3 - colours, 2 separators (metal), metal cup

09 00 22

## Thrust collar

for standard doctoring cup  
 for overhead and multicolour doctoring cups

Article no.:

09 00 87

09 00 86

## Cliché storage rack

Article no.:

09 00 92

## Mounting table

Article no.:

09 00 62

## Gripping tongs

Article no.:

09 00 72

## Interleaving paper

packing unit with 10 pcs.

Article no.:

14 34 24

## Foil rolls for ink residue pick up system

Width 55 mm, length approx. 28 m

Article no.:

14 22 14

Width 59 mm, length approx. 28 m

14 22 23

## Holding plates

Magnetic holding plate for Magnet Screen and Record clichés with  
 4 positioning pins and inserted retaining magnets

Article-no.:

14 60 03

Holding plate for Aloxid clichés with 2 positioning pins and  
 4 holding down clamps to secure the cliché

14 61 03

## Raw material cliché - non-etched

Article no.:

Steel cliché

27 00 70

Record clichés

packing unit with 10 pcs.

44 14 70

Magnet Screen clichés

packing unit with 10 pcs.

31 14 70

Aloxid clichés

packing unit with 10 pcs.

41 14 70

## Film mounting plates

Article no.:

44 14 71

## Film mounting foils

packing unit with 10 pcs.

Article no.:

44 40 02

# Accessories

Sealed systems  
Doctoring cup Ø 90 mm  
Cliché size 100 x 215 mm



## Doctoring cups

Standard model, plastic cup  
30° - beveled thrust collar flange

Article no.:

09 00 31

2-colours, central separator, metal cup  
30° - beveled thrust collar flange

09 00 58

## Thrust collar

for standard doctoring cup  
for multicolour doctoring cup

Article no.:

09 00 79  
09 01 27

## Cliché storage rack

Article no.:

09 00 93

## Mounting table

for standard doctoring cup  
for multicolour doctoring cup

Article no.:

09 00 63  
09 01 50

## Gripping tongs

for standard doctoring cup  
for multicolour doctoring cup

Article no.:

09 00 73  
09 01 40

## Interleaving paper

packing unit with 10 pcs.

Article no.:

14 34 25

## Foil rolls for ink residue pick up system

Width 85 mm, length approx. 28 m

Article no.:

14 22 15

## Holding plates

for Magnet Screen and Record clichés with  
4 registration pins and inserted retaining magnets

Article no.:

14 60 04

Holding plate for Aloxid clichés with 2 registration pins and  
4 holding down clamps to secure the cliché

14 61 04

## Raw material cliché - non-etched

Steel cliché  
Record clichés  
Magnet Screen clichés  
Aloxid clichés

packing unit with 10 pcs.  
packing unit with 10 pcs.  
packing unit with 10 pcs.

Article no.:

27 00 75  
44 10 22  
31 22 10  
41 10 22

## Film mounting plates

Article no.:

44 10 23

## Film mounting foils

packing unit with 10 pcs.

Article no.:

44 40 03

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**TAMPOPRINT**  
Germany

Issued: February 2000 - Accessories - sealed systems

## Sealed systems

Doctoring cup Ø 130 mm  
Cliché size 150 x 300 mm

# Accessories



### Doctoring cups

Standard model, metal cup  
30° - beveled thrust collar flange

Article no.:

09 00 51

2-colours, central separator, metal cup  
30° - beveled thrust collar flange

09 00 59

### Thrust collar

for standard doctoring cup  
for multicolour doctoring cups

Article no.:

09 00 80  
09 01 28

### Cliché storage rack

Article no.: 09 00 94

### Mounting table

Article no.: 09 00 64

### Gripping tongs

Article no.: 09 00 74

### Interleaving paper

packing unit with 10 pcs. 14 34 26

### Foil rolls for ink residue pick up system

Width 125 mm, length approx. 28 m

Article no.:

14 22 16

### Holding plates

for Magnet Screen and Record clichés with  
4 registration pins and inserted retaining magnets

Article no.:

14 60 05

Holding plate for Aloxid clichés with 2 registration pins and  
4 holding down clamps to secure the cliché

14 61 05

### Raw material cliché - non-etched

|                       |                           |          |
|-----------------------|---------------------------|----------|
| Steel cliché          |                           | 27 00 80 |
| Record clichés        | packing unit with 10 pcs. | 44 30 15 |
| Magnet Screen clichés | packing unit with 10 pcs. | 31 30 15 |
| Aloxid clichés        | packing unit with 10 pcs. | 41 30 15 |

Article no.:

### Film mounting plates

Article no.: 44 30 16

### Film mounting foils

packing unit with 10 pcs. 44 40 04

Article no.:

# Accessories

Sealed systems  
Doctoring cup Ø 150 mm  
Cliché size 160 x 350 mm



## Doctoring cup

Standard model, metal cup  
30° -beveled thrust collar flange

Article no.:  
**09 00 55**

## Thrust collar

Article no.:

**09 00 78**

## Cliché storage rack

Article no.:

**09 00 95**

## Mounting table

Article no.:

**09 00 65**

## Gripping tongs

Article no.:

**09 00 76**

## Interleaving paper

packing unit with 10 pcs.

Article no.:  
**14 34 27**

## Foil rolls for ink residue pick up system

Width 145 mm, length approx. 28 m

Article no.:  
**14 22 21**

## Holding plates

for Magnet Screen and Record clichés with  
4 registration pins and inserted retaining magnets

Article no.:  
**14 60 06**

Holding plate for Aloxid clichés with 2 registration pins and  
4 holding down clamps to secure the cliché

**14 61 06**

## Raw material cliché - non-etched

Steel cliché  
Record clichés  
Magnet Screen clichés  
Aloxid clichés

packing unit with 10 pcs.  
packing unit with 10 pcs.  
packing unit with 10 pcs.

Article no.:  
**27 00 82**  
**44 35 16**  
**31 35 16**  
**41 35 16**

## Film mounting plates

Article no.:

**44 30 17**

## Film mounting foils

packing unit with 10 pcs.

Article no.:  
**44 40 05**

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Germany

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## Sealed systems

Doctoring cup Ø 210 mm

Cliché size 220 x 500 mm

# Accessories



### Doctoring cup

Article no.:

Standard model, metal cup  
30° -beveled thrust collar flange

09 00 57

### Thrust collar

Article no.:

09 01 26

### Mounting table

Article no.:

09 00 65

### Gripping tongs

Article no.:

09 00 69

### Interleaving paper

packing unit with 10 pcs.

Article no.:

14 34 28

### Foil rolls for ink residue pick up system

Article no.:

Width 205 mm, length approx. 28 m

14 22 22

### Holding plates

Article no.:

for Magnet Screen and Record clichés  
with 4 registration pins and inserted retaining magnets

14 34 17

### Raw material cliché - non-etched

Article no.:

Steel cliché  
Record cliché      packing unit with 10 pcs.  
Magnet Screen cliché      packing unit with 10 pcs.

27 55 00

44 55 00

31 55 00

### Film mounting plates

Article no.:

44 30 18

### Film mounting foils

Article no.:

packing unit with 10 pcs.

44 40 06

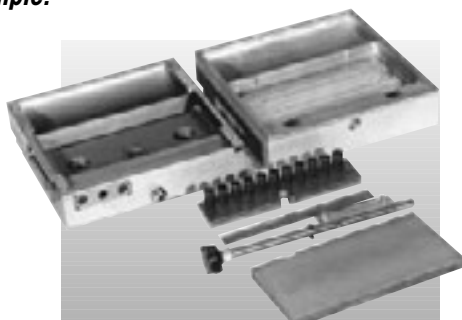
# Open systems

**Example for multicolour equipment**



**from top to bottom:**  
4-colour cliché holder, doctor blade carrier, ink spatula, steel cliché

**Example:**



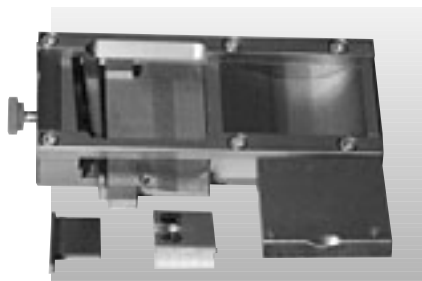
**from top to bottom:**  
cliché holder (left), ink well (right), doctor blade carrier, ink spatula, ink spatula holder, steel cliché

**Example:**



**from top to bottom:**  
cliché holder (left), ink well (right), doctor blade carrier, ink spatula, ink spatula holder, steel cliché

**TT/TS 50/31- single-colour**



| Format<br>l x w         | Cliché<br>holder | Doctor bl.<br>carrier | Ink<br>spatula | Doctor<br>blade | Magnetic<br>plate | No. of<br>colours |
|-------------------------|------------------|-----------------------|----------------|-----------------|-------------------|-------------------|
| 50x50                   | <b>226050</b>    | <b>246050</b>         | <b>186050</b>  | <b>471050</b>   | <b>143007</b>     | <b>1</b>          |
| 50x100                  | <b>226100</b>    | <b>246100</b>         | <b>186100</b>  | <b>471100</b>   | <b>143008</b>     | <b>1</b>          |
| Tampon holder Art. no.: |                  |                       |                |                 |                   | <b>213005</b>     |

# Accessories

## Open systems

### TT/TS 80/31 + TT/TS 80/100/41 + TT/TS 50/80/41

#### - doctor stroke 80 mm - single-colour

| Format<br>l x w | Cliché<br>holder | Ink<br>well   | Doctor blade<br>carrier | Spatula<br>holder | Ink<br>spatula | Magnetic<br>plate | Doctor<br>blade | No. of<br>colours |
|-----------------|------------------|---------------|-------------------------|-------------------|----------------|-------------------|-----------------|-------------------|
| 80x50           | <b>227051</b>    | -             | <b>247051</b>           | <b>183001</b>     | <b>187051</b>  | <b>143010</b>     | <b>471050</b>   | <b>1</b>          |
| 80x80           | <b>227081</b>    | <b>157081</b> | <b>248080</b>           | <b>183001</b>     | <b>187081</b>  | <b>143001</b>     | <b>471080</b>   | <b>1</b>          |
| 80x100          | <b>227101</b>    | <b>157101</b> | <b>248100</b>           | <b>183001</b>     | <b>183100</b>  | <b>143009</b>     | <b>471100</b>   | <b>1</b>          |
| 80x125          | <b>227126</b>    | <b>157126</b> | <b>247126</b>           | <b>183002</b>     | <b>187126</b>  | <b>143002</b>     | <b>471125</b>   | <b>1</b>          |
| 80x150          | <b>227151</b>    | <b>157151</b> | <b>247151</b>           | <b>183002</b>     | <b>187150</b>  | <b>143003</b>     | <b>472140</b>   | <b>1</b>          |
| 80x200          | <b>227201</b>    | <b>157201</b> | <b>247201</b>           | <b>183002</b>     | <b>183200</b>  | <b>143004</b>     | <b>471201</b>   | <b>1</b>          |
| 80x250          | <b>227251</b>    | <b>157251</b> | <b>247251</b>           | <b>183002</b>     | <b>187250</b>  | <b>143005</b>     | <b>472250</b>   | <b>1</b>          |
| 80x300          | <b>227301</b>    | <b>157301</b> | <b>247301</b>           | <b>183002</b>     | <b>187301</b>  | <b>143006</b>     | <b>472300</b>   | <b>1</b>          |

#### - doctor stroke 80 mm - multicolour

| Format<br>l x w | Cliché<br>holder | Ink<br>well | Doctor blade<br>carrier | Spatula<br>holder | Ink<br>spatula | Magnetic<br>plate | Doctor<br>blade | No. of<br>colours |
|-----------------|------------------|-------------|-------------------------|-------------------|----------------|-------------------|-----------------|-------------------|
| 80x150          | <b>227152</b>    | -           | <b>247152</b>           | <b>187005</b>     | -              | <b>143003</b>     | <b>477075</b>   | <b>2</b>          |
| 80x250          | <b>227253</b>    | -           | <b>247253</b>           | <b>187006</b>     | -              | <b>143005</b>     | <b>471125</b>   | <b>2</b>          |
| 80x300          | <b>227300</b>    | -           | <b>247300</b>           | <b>187007</b>     | -              | <b>143006</b>     | <b>172128</b>   | <b>2</b>          |

### TT/TS 80/31

#### - doctor stroke 100 mm - single-colour

| Format<br>l x w | Cliché<br>holder | Ink<br>well   | Doctor blade<br>carrier | Spatula<br>holder | Ink<br>spatula | Magnetic<br>plate | Doctor<br>blade | No. of<br>colours |
|-----------------|------------------|---------------|-------------------------|-------------------|----------------|-------------------|-----------------|-------------------|
| 100x80          | <b>227083</b>    | <b>157082</b> | <b>248080</b>           | <b>183001</b>     | <b>187081</b>  | <b>143100</b>     | <b>471080</b>   | <b>1</b>          |
| 100x100         | <b>227084</b>    | <b>157102</b> | <b>248100</b>           | <b>183001</b>     | <b>183100</b>  | <b>143101</b>     | <b>471100</b>   | <b>1</b>          |
| 100x125         | <b>227127</b>    | <b>157127</b> | <b>247126</b>           | <b>183001</b>     | <b>187126</b>  | <b>143102</b>     | <b>471122</b>   | <b>1</b>          |

Ink spatulas are included in multicolour spatula holders!

Tampon couplings: **21 30 01**  
**21 70 05**

Tampon holder: 2-colours **21 70 03**

Tampon displacement coupling: **21 10 02**  
Nut: **23 10 35**

T-bolts: **21 19 09**

### TS 100 EM / TT/TS 100/31 (TT/TS 80/100/41 doctor stroke 100 mm only)

#### - doctor stroke 100 mm - single-colour

| Format<br>l x w | Cliché<br>holder | Doctor blade<br>carrier | Spatula<br>holder | Ink<br>spatula | Magnetic<br>plate | Doctor<br>blade | No. of<br>colours |
|-----------------|------------------|-------------------------|-------------------|----------------|-------------------|-----------------|-------------------|
| 100x50          | <b>228050</b>    | <b>248050</b>           | <b>183001</b>     | <b>187051</b>  | <b>143099</b>     | <b>471050</b>   | <b>1</b>          |
| 100x80          | <b>228080</b>    | <b>248080</b>           | <b>183001</b>     | <b>188080</b>  | <b>143100</b>     | <b>471080</b>   | <b>1</b>          |
| 100x100         | <b>228100</b>    | <b>248100</b>           | <b>183002</b>     | <b>188100</b>  | <b>143101</b>     | <b>471110</b>   | <b>1</b>          |
| 100x125         | <b>228125</b>    | <b>247126</b>           | <b>183026</b>     | <b>143102</b>  | <b>471125</b>     | <b>471125</b>   | <b>1</b>          |
| 100x190         | <b>228190</b>    | <b>248190</b>           | <b>183002</b>     | <b>188190</b>  | <b>143103</b>     | <b>471190</b>   | <b>1</b>          |
| 100x260         | <b>228260</b>    | <b>248260</b>           | <b>183002</b>     | <b>188260</b>  | <b>143104</b>     | <b>471260</b>   | <b>1</b>          |
| 100x350         | <b>228350</b>    | <b>248350</b>           | <b>183002</b>     | <b>188350</b>  | <b>143105</b>     | <b>471350</b>   | <b>1</b>          |
| 100x400         | <b>228400</b>    | <b>248400</b>           | <b>183002</b>     | <b>188400</b>  | <b>143107</b>     | <b>471400</b>   | <b>1</b>          |

#### - doctor stroke 100 mm - multicolour

| Format<br>l x w | Cliché<br>holder | Doctor blade<br>carrier | Spatula<br>holder | Ink<br>spatula | Magnetic<br>plate | Doctor<br>blade | No. of<br>colours |
|-----------------|------------------|-------------------------|-------------------|----------------|-------------------|-----------------|-------------------|
| 100x190         | <b>228191</b>    | <b>248191</b>           | <b>188910</b>     | <b>188191</b>  | <b>143103</b>     | <b>471100</b>   | <b>2</b>          |
| 100x260         | <b>228261</b>    | <b>248261</b>           | <b>188911</b>     | <b>188261</b>  | <b>143104</b>     | <b>472100</b>   | <b>2</b>          |
| 100x350         | <b>228351</b>    | <b>248351</b>           | <b>188912</b>     | <b>188351</b>  | <b>143105</b>     | <b>472160</b>   | <b>2</b>          |
| 100x350         | <b>228900</b>    | <b>248900</b>           | <b>188900</b>     | -              | <b>143105</b>     | <b>472200</b>   | <b>4</b>          |
| 100x400         | <b>228402</b>    | <b>248401</b>           | <b>188903</b>     | -              | <b>143107</b>     | <b>477075</b>   | <b>2</b>          |

Ink spatulas are included in multicolour spatula holders!

Tampon couplings: **21 10 01**  
**21 10 05**

Tampon holder: 2-colours **21 10 06**  
4-colours **21 19 00**

Tampon displacement coupling: **21 10 02**  
Nut: **23 10 35**

T-bolts: **21 19 09**

ORIGINAL



**TT/TS 100/21**  
**- single-colour**

| Format<br>l x w | Cliché<br>holder | Ink<br>well   | Doctor blade<br>carrier | Spatula<br>holder | Ink<br>spatula | Magnetic<br>plate | Doctor<br>blade | No. of<br>colours |
|-----------------|------------------|---------------|-------------------------|-------------------|----------------|-------------------|-----------------|-------------------|
| 100x50          | <b>221050</b>    | <b>241050</b> | <b>151050</b>           | <b>181000</b>     | <b>181050</b>  | <b>143099</b>     | <b>471050</b>   | <b>1</b>          |
| 100x80          | <b>221080</b>    | <b>241080</b> | <b>151080</b>           | <b>181000</b>     | <b>181080</b>  | <b>143100</b>     | <b>471080</b>   | <b>1</b>          |
| 100x100         | <b>221100</b>    | <b>241100</b> | <b>151100</b>           | <b>181000</b>     | <b>181100</b>  | <b>143101</b>     | <b>471100</b>   | <b>1</b>          |
| 100x125         | <b>221125</b>    | <b>241125</b> | <b>151125</b>           | <b>181001</b>     | <b>181125</b>  | <b>143102</b>     | <b>471125</b>   | <b>1</b>          |
| 100x190         | <b>221190</b>    | <b>241190</b> | <b>151190</b>           | <b>181001</b>     | <b>181190</b>  | <b>143103</b>     | <b>471190</b>   | <b>1</b>          |
| 100x260         | <b>221260</b>    | <b>241260</b> | <b>151260</b>           | <b>181001</b>     | <b>181260</b>  | <b>143104</b>     | <b>471260</b>   | <b>1</b>          |
| 100x350         | <b>221350</b>    | <b>241350</b> | <b>151350</b>           | <b>181001</b>     | <b>181350</b>  | <b>143105</b>     | <b>471350</b>   | <b>1</b>          |
| 100x400         | <b>221400</b>    | <b>241400</b> | <b>151400</b>           | <b>181001</b>     | <b>181400</b>  | <b>143107</b>     | <b>471400</b>   | <b>1</b>          |

**- multicolour**

| Format<br>l x w | Cliché<br>holder | Ink<br>well   | Doctor blade<br>carrier | Spatula<br>holder | Ink<br>spatula | Magnetic<br>plate | Doctor<br>blade | No. of<br>colours |
|-----------------|------------------|---------------|-------------------------|-------------------|----------------|-------------------|-----------------|-------------------|
| 100x190         | <b>221191</b>    | <b>241191</b> | -                       | <b>181910</b>     | <b>181191</b>  | <b>143103</b>     | <b>471100</b>   | <b>2</b>          |
| 100x260         | <b>221261</b>    | <b>241261</b> | -                       | <b>181911</b>     | <b>181261</b>  | <b>143104</b>     | <b>472110</b>   | <b>2</b>          |
| 100x350         | <b>221351</b>    | <b>241351</b> | -                       | <b>181912</b>     | <b>181351</b>  | <b>143105</b>     | <b>472160</b>   | <b>2</b>          |
| 100x350         | <b>221900</b>    | <b>241900</b> | -                       | <b>181900</b>     | -              | <b>143105</b>     | <b>477075</b>   | <b>4-ML</b>       |
| 100x350         | <b>221901</b>    | <b>241901</b> | -                       | <b>181901</b>     | -              | <b>143105</b>     | <b>471080</b>   | <b>4-MR</b>       |
| 100x400         | <b>221902</b>    | <b>241902</b> | -                       | <b>181902</b>     | -              | <b>143107</b>     | <b>471080</b>   | <b>5-ML</b>       |

Ink spatulas are included in multicolour spatula holders!

Tampon couplings: **21 10 01**  
**21 10 05**  
**21 10 04**  
**21 10 07**

Tampon holder: 2-colours **21 10 06**  
4-colours-ML **21 19 00**  
4-colours-MR **21 19 01**  
5-colours-ML **21 19 05**

Tampon displacement coupling: **21 10 02**  
Nut: **23 10 35**

T-bolts: **21 19 09**

**TT/TS 125/150/31**  
**doctor stroke 125 mm - single-colour**

| Format<br>l x w | Cliché<br>holder | Ink<br>well   | Doctor blade<br>carrier | Spatula<br>holder | Ink<br>spatula | Magnetic<br>plate | Doctor<br>blade | No. of<br>colours |
|-----------------|------------------|---------------|-------------------------|-------------------|----------------|-------------------|-----------------|-------------------|
| 125x100         | <b>221101</b>    | -             | <b>241101</b>           | <b>181100</b>     | <b>181100</b>  | <b>143200</b>     | <b>471100</b>   | <b>1</b>          |
| 125x125         | <b>221126</b>    | <b>151126</b> | <b>241126</b>           | <b>181001</b>     | <b>181126</b>  | <b>143201</b>     | <b>471125</b>   | <b>1</b>          |
| 125x200         | <b>221201</b>    | <b>151201</b> | <b>244201</b>           | <b>181001</b>     | <b>184200</b>  | <b>143206</b>     | <b>471201</b>   | <b>1</b>          |
| 125x250         | <b>221251</b>    | <b>151251</b> | <b>241251</b>           | <b>181001</b>     | <b>182250</b>  | <b>143202</b>     | <b>472250</b>   | <b>1</b>          |
| 125x300         | <b>221301</b>    | <b>151301</b> | <b>241301</b>           | <b>181001</b>     | <b>184300</b>  | <b>143204</b>     | <b>472300</b>   | <b>1</b>          |
| 125x400         | <b>221401</b>    | <b>151401</b> | <b>244401</b>           | <b>181001</b>     | <b>181400</b>  | <b>143205</b>     | <b>471400</b>   | <b>1</b>          |
| 125x500         | <b>221501</b>    | <b>151501</b> | <b>244501</b>           | <b>184002</b>     | <b>184501</b>  | <b>143203</b>     | <b>474500</b>   | <b>1</b>          |
| 125x550         | -                | <b>151551</b> | <b>244550</b>           | <b>184002</b>     | <b>182550</b>  | -                 | <b>472550</b>   | <b>1</b>          |

**doctor stroke 125 mm - multicolour**

| Format<br>l x w | Cliché<br>holder | Ink<br>well | Doctor blade<br>carrier | Spatula<br>holder | Ink<br>spatula | Magnetic<br>plate | Doctor<br>blade | No. of<br>colours |
|-----------------|------------------|-------------|-------------------------|-------------------|----------------|-------------------|-----------------|-------------------|
| 125x250         | <b>221252</b>    | -           | <b>241252</b>           | <b>181911</b>     | -              | <b>143202</b>     | <b>471125</b>   | <b>2</b>          |
| 125x300         | <b>221302</b>    | -           | <b>241311</b>           | <b>181002</b>     | <b>181302</b>  | <b>143204</b>     | <b>471302</b>   | <b>2</b>          |
| 125x400         | <b>221403</b>    | -           | <b>241411</b>           | <b>181903</b>     | <b>181402</b>  | <b>143205</b>     | <b>471190</b>   | <b>2</b>          |
| 125x500         | <b>221500</b>    | -           | <b>244502</b>           | <b>184502</b>     | -              | <b>143203</b>     | <b>472250</b>   | <b>2</b>          |
| 125x500         | <b>221503</b>    | -           | <b>257022</b>           | <b>181503</b>     | <b>184151</b>  | <b>143203</b>     | <b>472140</b>   | <b>3</b>          |
| 125x500         | <b>221504</b>    | -           | <b>257020</b>           | <b>181004</b>     | <b>181126</b>  | <b>143203</b>     | <b>471125</b>   | <b>4</b>          |

Ink spatulas are included in multicolour spatula holders!

Tampon couplings: **21 20 01**  
- 68 mm height (reducing coupling) **21 40 05**  
- 54 mm height (reducing coupling) **21 40 06**

Tampon holder: **21 15 01**

Tampon displacement coupling: **21 20 02**  
Nut: **23 10 35**

T-bolts: **21 19 10**

# Accessories

## Open systems

### TT/TS 150/200/31

#### - doctor stroke 150 mm - single-colour

| Format<br>l x w | Cliché<br>holder | Ink<br>well   | Doctor blade<br>carrier | Spatula<br>holder | Ink<br>spatula | Magnetic<br>plate | Doctor<br>blade | No. of<br>colours |
|-----------------|------------------|---------------|-------------------------|-------------------|----------------|-------------------|-----------------|-------------------|
| 150x100         | <b>224100</b>    | -             | <b>241101</b>           | <b>181001</b>     | <b>184101</b>  | <b>143309</b>     | <b>471100</b>   | <b>1</b>          |
| 150x150         | <b>224150</b>    | <b>154151</b> | <b>244151</b>           | <b>181001</b>     | <b>184151</b>  | <b>143301</b>     | <b>172140</b>   | <b>1</b>          |
| 150x200         | -                | <b>154200</b> | <b>244201</b>           | <b>181001</b>     | <b>184200</b>  | <b>143308</b>     | <b>472200</b>   | <b>1</b>          |
| 150x250         | <b>224250</b>    | <b>154250</b> | <b>244251</b>           | <b>181001</b>     | <b>184251</b>  | <b>143302</b>     | <b>472250</b>   | <b>1</b>          |
| 150x300         | <b>224300</b>    | <b>154300</b> | <b>244301</b>           | <b>181001</b>     | <b>184301</b>  | <b>143303</b>     | <b>472300</b>   | <b>1</b>          |
| 150x400         | <b>224400</b>    | <b>154400</b> | <b>244401</b>           | <b>181001</b>     | <b>184401</b>  | <b>143305</b>     | <b>471400</b>   | <b>1</b>          |
| 150x500         | <b>224500</b>    | <b>154500</b> | <b>244501</b>           | <b>184002</b>     | <b>184501</b>  | <b>143304</b>     | <b>474500</b>   | <b>1</b>          |
| 150x550         | -                | <b>154550</b> | <b>244550</b>           | <b>184002</b>     | <b>182550</b>  | -                 | <b>472550</b>   |                   |

#### - doctor stroke 150 mm - multicolour

| Format<br>l x w | Cliché<br>holder | Ink<br>well | Doctor blade<br>carrier | Spatula<br>holder | Ink<br>spatula | Magnetic<br>plate | Doctor<br>blade | No. of<br>colours |
|-----------------|------------------|-------------|-------------------------|-------------------|----------------|-------------------|-----------------|-------------------|
| 150x250         | <b>224252</b>    | -           | <b>244252</b>           | <b>181911</b>     | <b>181261</b>  | <b>143302</b>     | <b>471125</b>   | <b>2</b>          |
| 150x300         | <b>224301</b>    | -           | <b>244301</b>           | <b>181002</b>     | <b>181302</b>  | <b>143303</b>     | <b>471302</b>   | <b>2</b>          |
| 150x500         | <b>224502</b>    | -           | <b>244502</b>           | <b>184502</b>     | <b>181251</b>  | <b>143304</b>     | <b>472250</b>   | <b>2</b>          |
| 150x500         | <b>224503</b>    | -           | <b>257022</b>           | <b>181503</b>     | <b>184151</b>  | <b>143304</b>     | <b>172140</b>   | <b>3</b>          |
| 150x500         | <b>224504</b>    | -           | <b>257020</b>           | <b>181004</b>     | <b>181126</b>  | <b>143304</b>     | <b>471125</b>   | <b>4</b>          |

#### - doctor stroke 200 mm - single-colour

| Format<br>l x w | Cliché<br>holder | Ink<br>well   | Doctor blade<br>carrier | Spatula<br>holder | Ink<br>spatula | Magnetic<br>plate | Doctor<br>blade | No. of<br>colours |
|-----------------|------------------|---------------|-------------------------|-------------------|----------------|-------------------|-----------------|-------------------|
| 200x150         | <b>224256</b>    | <b>154155</b> | <b>244150</b>           | <b>181001</b>     | <b>184151</b>  | <b>143409</b>     | <b>172140</b>   | <b>1</b>          |
| 200x200         | <b>224257</b>    | <b>154201</b> | <b>244201</b>           | <b>181001</b>     | <b>184200</b>  | <b>143401</b>     | <b>472200</b>   | <b>1</b>          |
| 200x250         | <b>224255</b>    | <b>154251</b> | <b>244250</b>           | <b>181001</b>     | <b>184251</b>  | <b>143402</b>     | <b>472250</b>   | <b>1</b>          |
| 200x300         | <b>224258</b>    | <b>154301</b> | <b>244301</b>           | <b>181001</b>     | <b>184301</b>  | <b>143408</b>     | <b>472300</b>   | <b>1</b>          |
| 200x400         | <b>224259</b>    | <b>154401</b> | <b>244401</b>           | <b>181001</b>     | <b>184401</b>  | <b>143403</b>     | <b>471400</b>   | <b>1</b>          |
| 200x500         | <b>224260</b>    | <b>154501</b> | <b>244501</b>           | <b>184002</b>     | <b>184501</b>  | <b>143404</b>     | <b>474500</b>   | <b>1</b>          |
| 200x550         | -                | <b>154551</b> | <b>245550</b>           | <b>184002</b>     | <b>182250</b>  | <b>143407</b>     | <b>472550</b>   | <b>1</b>          |

#### - doctor stroke 200 mm - multicolour

| Format<br>l x w | Cliché<br>holder | Ink<br>well | Doctor blade<br>carrier | Spatula<br>holder | Ink<br>spatula | Magnetic<br>plate | Doctor<br>blade | No. of<br>colours |
|-----------------|------------------|-------------|-------------------------|-------------------|----------------|-------------------|-----------------|-------------------|
| 200x500         | <b>224552</b>    | -           | <b>244502</b>           | <b>184502</b>     | -              | <b>143404</b>     | <b>472250</b>   | <b>2</b>          |
| 200x500         | <b>224504</b>    | -           | <b>257020</b>           | <b>181004</b>     | <b>181126</b>  | <b>143404</b>     | <b>471125</b>   | <b>4</b>          |

Ink spatulas are included in multicolour spatula holders!

|                                     |                 |
|-------------------------------------|-----------------|
| Tampon couplings:                   | <b>21 20 01</b> |
| - 68 mm height (reducing coupling!) | <b>21 40 05</b> |
| - 54 mm height (reducing coupling!) | <b>21 40 06</b> |

|                |                 |
|----------------|-----------------|
| Tampon holder: | <b>21 45 01</b> |
|----------------|-----------------|

|                               |                 |
|-------------------------------|-----------------|
| Tampon displacement coupling: | <b>21 20 02</b> |
| Nut:                          | <b>23 10 35</b> |

|          |                 |
|----------|-----------------|
| T-bolts: | <b>21 19 10</b> |
|----------|-----------------|

### TS 250/31

#### - single-colour

| Format<br>d x w | Ink<br>well   | Doctor blade<br>carrier | Spatula<br>holder | Ink<br>spatula | Doctor<br>blade | No. of<br>colours |
|-----------------|---------------|-------------------------|-------------------|----------------|-----------------|-------------------|
| 250x250         | <b>157250</b> | <b>244251</b>           | <b>184001</b>     | <b>184251</b>  | <b>474250</b>   | <b>1</b>          |
| 250x300         | <b>157300</b> | <b>244301</b>           | <b>184001</b>     | <b>184301</b>  | <b>172300</b>   | <b>1</b>          |
| 250x500         | <b>157500</b> | <b>244501</b>           | <b>184002</b>     | <b>184501</b>  | <b>172500</b>   | <b>1</b>          |

|                                     |                 |
|-------------------------------------|-----------------|
| Tampon couplings:                   | <b>21 20 01</b> |
| - 68 mm height (reducing coupling!) | <b>21 40 05</b> |
| - 54 mm height (reducing coupling!) | <b>21 40 06</b> |

|                |                 |
|----------------|-----------------|
| Tampon holder: | <b>21 45 01</b> |
|----------------|-----------------|

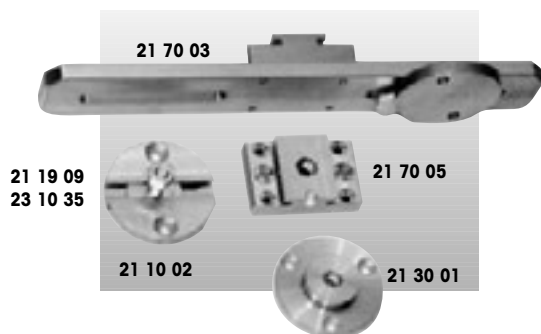
|                               |                 |
|-------------------------------|-----------------|
| Tampon displacement coupling: | <b>21 20 02</b> |
| Nut:                          | <b>23 10 35</b> |

|          |                 |
|----------|-----------------|
| T-bolts: | <b>21 19 10</b> |
|----------|-----------------|

Additional equipment

## *Tampon holders / tampon couplings for*

**TT/TS 80/31, TT/TS 50/80/41, TT/TS 80/100/41**



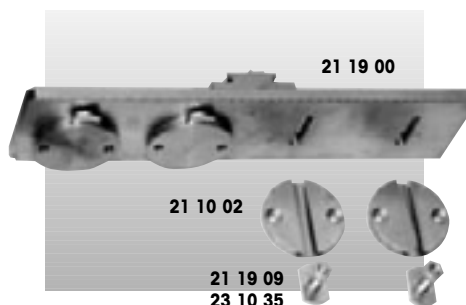
**Article**

Tampon coupling  
 Tampon coupling  
 Tampon holder 2-colour  
 Tampon coupling adjustable  
 T-bolts  
 Hexagon nut

**Article no.:**

21 70 05  
 21 30 01  
 21 70 03  
 21 10 02  
 21 19 09  
 23 10 35

**TT/TS 100/2/21,-/31, TS 100 EM**



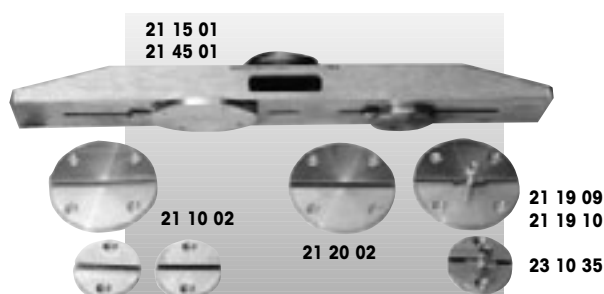
**Article**

Tampon coupling  
 Tampon holder 4-colour  
 Tampon coupling adjustable  
 T-bolts  
 Hexagon nut

**Article no.:**

21 10 05  
 21 19 00  
 21 10 02  
 21 19 09  
 23 10 35

**TT/TS 125/31/41, TT/TS 150/200/31**



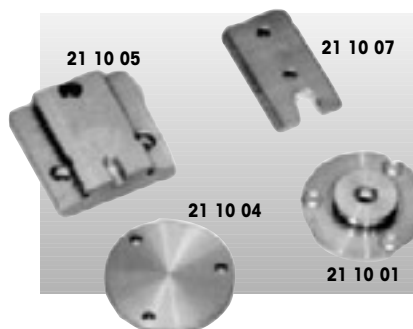
**Article**

Tampon holder TT/TS 125/31/41  
 Tampon holder TT/TS 150/31  
 Tampon coupling adjustable  
 Tampon coupling adjustable  
 T-bolt für 21 15 01  
 T-bolt für 21 45 01  
 Hexagon nut

**Article no.:**

21 15 01  
 21 45 01  
 21 20 02  
 21 10 02  
 21 19 09  
 21 19 10  
 23 10 35

**TS 100/2/21,-/31, TS 100 EM (high or flat)**



**Article**

Tampon coupling round - height approx. 15 mm  
 Tampon spacer coupling - height 6 mm,  
 To compensate the machine's tampon stroke  
 when using low tampons  
 Tampon coupling flat - height approx. 8 mm  
 Tampon coupling - height approx. 19 mm

**Article no.:**

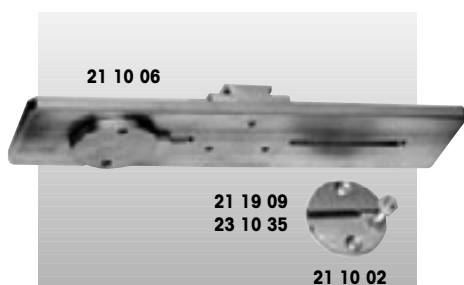
21 10 01  
 21 10 04  
 21 10 07  
 21 10 05

# Accessories

## Additional equipment Tampon couplings / holders

### *Tampon holder / Tampon spacer coupling for*

#### ***TS 100/2/21,-/31, TS 100 EM (2-colour)***

**Article**

Tampon holder 2-colour  
Tampon coupling, adjustable  
T-bolt  
Hexagon nut

**Article no.:**

21 10 06  
21 10 02  
21 19 09  
23 10 35

#### ***TT/TS 150/200/31, TS 200/21 (spacer coupling)***

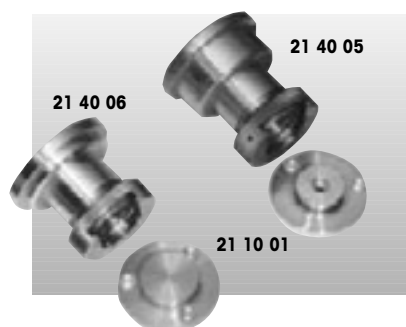
**Article**

Tampon coupling - height 65 mm  
Tampon coupling - height 90 mm

**Article no.:**

21 21 00  
21 21 25

#### ***TT/TS 125/31/41, TT/TS 150/200/31***

**Article**

Tampon spacer coupling - height 68 mm,  
To compensate the machine's tampon stroke  
when using small or low tampons

Tampon spacer coupling short - height 54 mm,  
in order to compensate the machine's tampon stroke  
when using small or low tampons

Tampon coupling - Ø 60 mm

**Article no.:**

21 40 05  
  
21 40 06  
  
21 10 01

#### ***TS 100 EM (height adjustment)***

**Article**

Tampon height adjustment

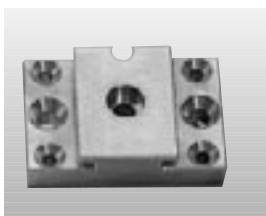
**Article no.:**

21 10 03

## *Tampon couplings - special shifting couplings*

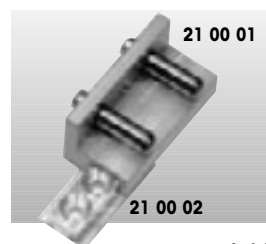
*Please note the reduced tampon height*

### *Vario 90/130*



| Article                     | Article no.: |
|-----------------------------|--------------|
| Tampon coupling -standard - | 21 70 05     |

### *Encoder 40/50*



| Article                                                                                   | Article no.: |
|-------------------------------------------------------------------------------------------|--------------|
| Tampon receiver, adjustable -<br>is inserted directly into the tampon<br>printing machine | 21 00 01     |
| Tampon coupling -<br>the tampon is screwed directly<br>on the tampon coupling             | 21 00 02     |

### *Hermetic 60/61/6-11 - SIC 60*



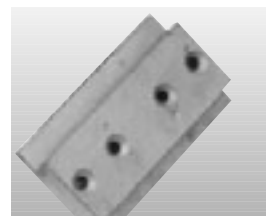
| Article         | Article no.: |
|-----------------|--------------|
| Tampon coupling | 21 00 05     |

### *Hermetic 90/9-11 - SIC 90*



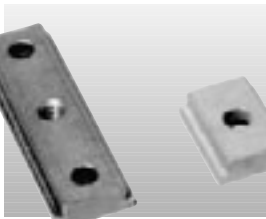
| Article         | Article no.: |
|-----------------|--------------|
| Tampon coupling | 21 00 09     |

### *Hermetic 150 - SIC 130 - Rapid 130*



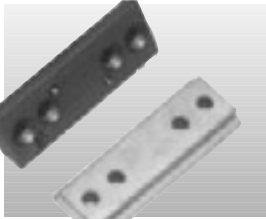
| Article         | Article no.: |
|-----------------|--------------|
| Tampon coupling | 21 00 07     |

### *Rapid 2000/60/1+3*



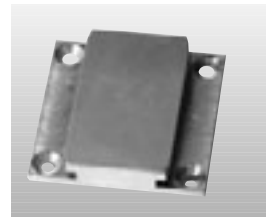
| Article                  | Article no.: |
|--------------------------|--------------|
| Tampon coupling          | 21 00 03     |
| Tampon coupling - long - | 21 00 06     |

### *Rapid 2000/90*



| Article                          | Article no.: |
|----------------------------------|--------------|
| Tampon coupling without stop pin | 21 00 04     |
| Tampon coupling with stop pin    | 21 00 08     |

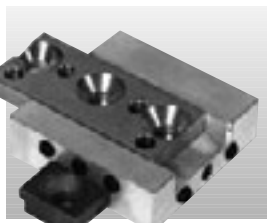
### *V-60/90 DUO*



| Article         | Article no.: |
|-----------------|--------------|
| Tampon coupling | 30 86 08     |

### *Tampon displacements*

#### *Hermetic 61*



|                     |                                         |
|---------------------|-----------------------------------------|
| <b>Article</b>      | <b>Article no.:</b>                     |
| Tampon displacement | <b>21 00 15</b>                         |
| Adjustment range:   | top: $\pm 28$ mm<br>bottom: $\pm 30$ mm |
| max. tampon height: | 46 mm                                   |

#### *Hermetic 90*



|                     |                                         |
|---------------------|-----------------------------------------|
| <b>Article</b>      | <b>Article no.:</b>                     |
| Tampon displacement | <b>21 00 12</b>                         |
| Adjustment range:   | top: $\pm 30$ mm<br>bottom: $\pm 40$ mm |
| max. tampon height: | 77 mm                                   |

#### *Rapid 2000/60*



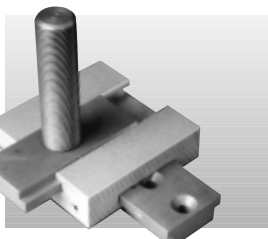
|                     |                                         |
|---------------------|-----------------------------------------|
| <b>Article</b>      | <b>Article no.:</b>                     |
| Tampon displacement | <b>21 00 13</b>                         |
| Adjustment range:   | top: $\pm 25$ mm<br>bottom: $\pm 30$ mm |
| max. tampon height: | 60 mm                                   |

#### *Rapid 2000/90*



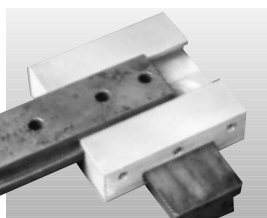
|                     |                                         |
|---------------------|-----------------------------------------|
| <b>Article</b>      | <b>Article no.:</b>                     |
| Tampon displacement | <b>21 00 14</b>                         |
| Adjustment range:   | top: $\pm 30$ mm<br>bottom: $\pm 40$ mm |
| max. tampon height: | 95 mm                                   |

#### *Rapid 2000/130 + Hermetic 150*



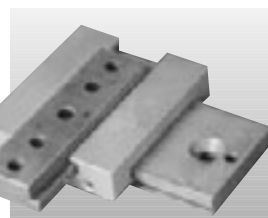
|                     |                                         |
|---------------------|-----------------------------------------|
| <b>Article</b>      | <b>Article no.:</b>                     |
| Tampon displacement | <b>21 00 16</b>                         |
| Adjustment range:   | top: $\pm 40$ mm<br>bottom: $\pm 50$ mm |
| max. tampon height: | 142 mm                                  |

#### *Sealed ink cup 90*



|                     |                                         |
|---------------------|-----------------------------------------|
| <b>Article</b>      | <b>Article no.:</b>                     |
| Tampon displacement | <b>21 00 19</b>                         |
| Adjustment range:   | top: $\pm 35$ mm<br>bottom: $\pm 40$ mm |
| max. tampon height: | 65 mm                                   |

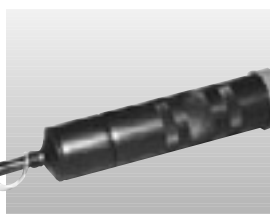
#### *Sealed ink cup 130*



|                     |                                         |
|---------------------|-----------------------------------------|
| <b>Article</b>      | <b>Article no.:</b>                     |
| Tampon displacement | <b>21 00 21</b>                         |
| Adjustment range:   | top: $\pm 40$ mm<br>bottom: $\pm 50$ mm |
| max. tampon height: | 90 mm                                   |

# Tools

## Grease gun for Continua

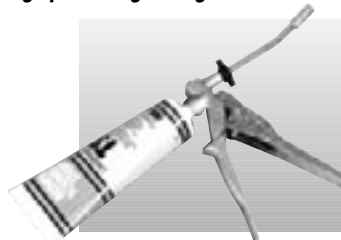


Article no.: 14 11 95

**Application:**  
Transport conveyor belt maintenance.

Contents: 200 g. empty

## High pressure grease gun for Continua

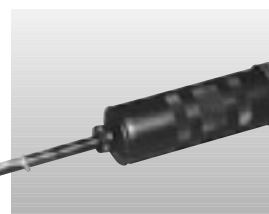


Article no.: 14 12 03

**Application:**  
Lubricant for Continua cam roller  
Lubricant for press

14 12 04

## Grease gun for linear conveyor



Article no.: 14 11 99

**Application:**  
Linear indexing chain maintenance.

Contents: 200 g. empty

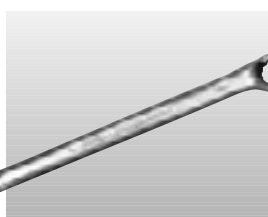
## Hook wrench for tampon holder



Article no.: 14 21 69

**Application:**  
tightens the tampon coupling into the tampon holder. Suitable for TAMPOPRINT - tampon printing machines TS/TT 125/150/31/-41 + TS 150/200/31 + TS 250/31

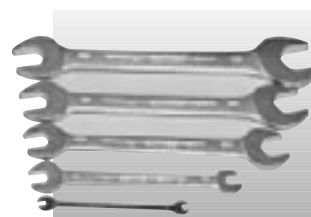
## Double-ended ring wrench



Article no.: 14 11 55

Sizes: ring wrench sizes 13 + 17

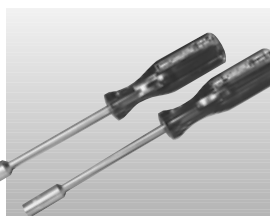
## Double-ended open-jawed wrench



Available in sizes: Article no.:

|         |          |
|---------|----------|
| 5 + 5.5 | 14 11 96 |
| 10 + 13 | 14 11 56 |
| 17 + 19 | 14 11 57 |
| 21 + 24 | 14 11 59 |
| 24 + 30 | 14 11 58 |

## Socket head screwdriver with handle



Available in sizes: Article no.:

|    |          |
|----|----------|
| 8  | 14 11 74 |
| 10 | 14 11 72 |

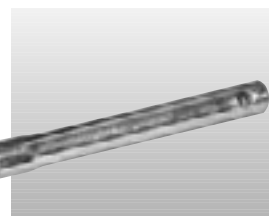
## Single-ended open-jawed wrench



Available in sizes: Article no.:

|    |          |
|----|----------|
| 6  | 14 11 67 |
| 7  | 14 11 91 |
| 8  | 14 11 75 |
| 10 | 14 11 60 |
| 13 | 14 11 61 |
| 17 | 14 11 68 |
| 19 | 14 11 76 |
| 24 | 14 11 94 |
| 27 | 14 11 77 |

## Hexagonal tubular socket wrench



Available in sizes: Article no.:

|    |          |
|----|----------|
| 13 | 14 11 92 |
|----|----------|

# Accessories

## Tools

**Ball head type hex driver**



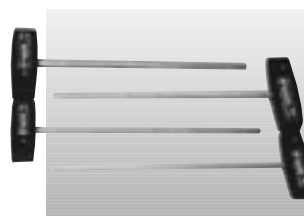
Available in sizes:

3  
4  
5  
6  
8

Article no.:

14 11 63  
14 11 64  
14 11 65  
14 11 49  
14 11 50

**Hexagonal key with handle**



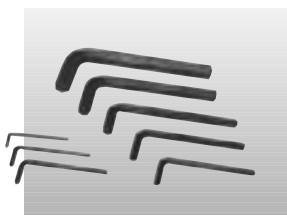
Available in sizes:

2.5  
3  
4  
5  
6

Article no.:

14 11 51  
14 11 78  
14 11 79  
14 11 80  
14 11 81

**Hexagonal screwdriver - short**



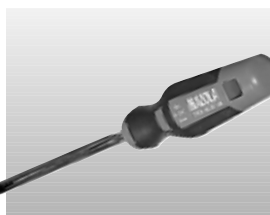
Available in sizes:

2.5  
3  
4  
5  
6  
8  
10

Article no.:

14 11 71  
14 11 47  
14 11 70  
14 11 48  
14 11 69  
14 11 53  
14 11 66

**Screwdriver**

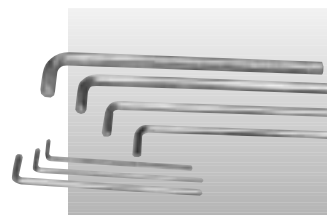


Article no.:

14 11 52

Size: w 3.5 x l 90 mm

**Hexagonal screwdriver - long**



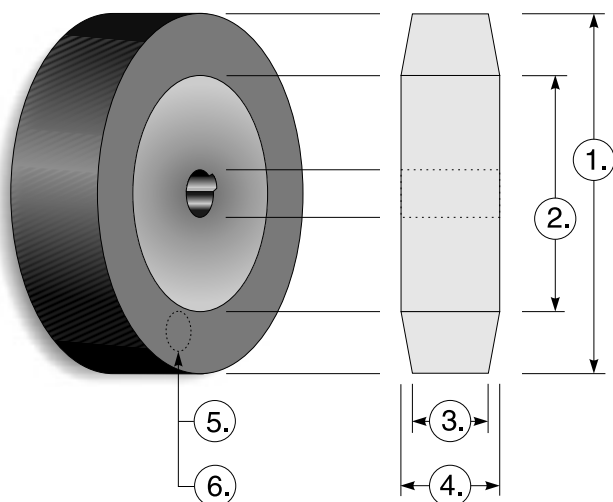
Available in sizes:

1.5  
2.5  
3  
4  
5  
6  
8  
10

Article no.:

14 11 83  
14 11 84  
14 11 85  
14 11 86  
14 11 87  
14 11 88  
14 11 89  
14 11 90

# Rotary printing cylinders



## Detailed construction of a tampon roller

The tampon roller is defined as follows (in mm):

- ① Roller diameter
- ② Aluminium core diameter
- ③ Printing width (silicone)
- ④ Aluminium core width
- ⑤ Silicone quality (silicone colour)
- ⑥ Silicone hardness (Shore hardness)

The variety of applications and the numerous tampon roller criteria (such as different quality, Shore hardness, diameter ...) makes it necessary to determine the article number for each roller individually.

### Please take into account:

Our tampon rollers are available in two different silicone qualities (see chart ⑤).

**Quality 36** (⑤ internal ident no. and part of article no.) refers to a softer white silicone quality available only in Shore degrees **6, 12, 18, 24**⑥.

**Quality** (⑤ internal ident no. and part of article no.) refers to a harder reddish-brown silicone quality available only in Shore degrees **24, 40, 55, 70**⑥.

The first two digits of the 6-digit article number refer to the quality. The last 3 digits of the article number describe the criteria: roller diameter①, aluminium core②, printing width③ and aluminium core width④ and are precisely defined in the tables. Please see the next 3 pages to learn how to assign the three digits.

Now there is only one digit missing in the article number. This digit describes the desired silicone hardness ⑥. Please look at the legends to determine this digit. (also see Application Instructions.)

**Example: you need a tampon roller of white silicone quality with a diameter of 101 mm, a printing width of 35 mm, an aluminium core width of 50 mm, a core diameter of 80 mm and a Shore hardness of 18.**

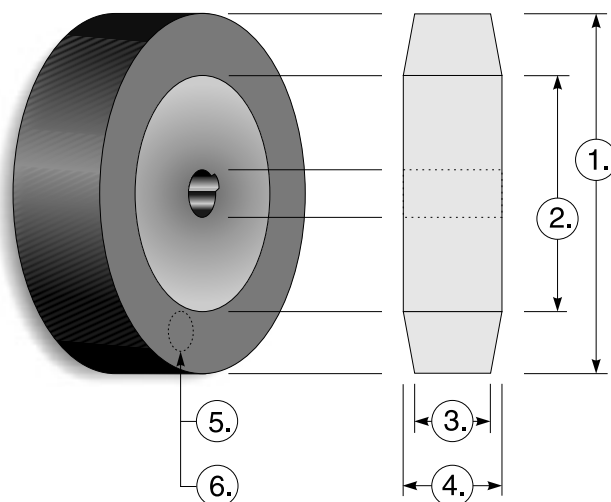
You know from the table that the desired tampon roller corresponds to the last number **052**. The white silicone mass refers to quality **36**. The Shore hardness of 18 is described by the digit 6 in the legend. Now you have the article number: **366052**

**36** (for quality) **6** (for Shore hardness) **052** (for tampon roller)

All available tampon rollers in quality 36 and 37 are shown on a separate page. The last page provides some application instructions to facilitate the selection.

# Tampon rollers

Rotary printing  
Quality 36



## Detailed construction of a tampon roller

The tampon roller is defined as follows (in mm):

- ① Roller diameter
- ② Aluminium core diameter
- ③ Printing width (silicone)
- ④ Aluminium core width
- ⑤ Silicone quality (silicone colour)
- ⑥ Silicone hardness (Shore hardness)

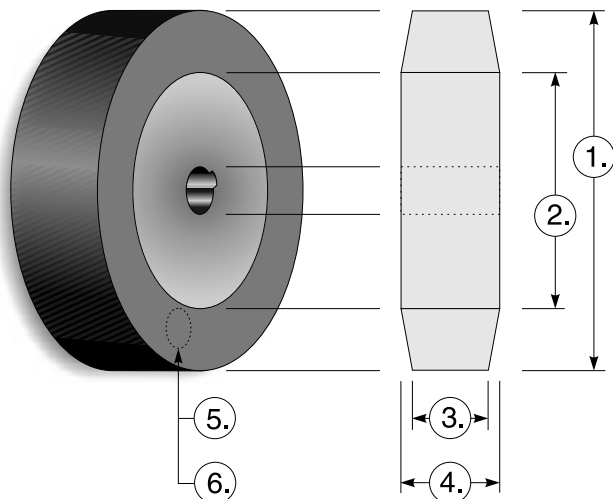
## Quality 36

White silicone core

| No. | Shore hardness |
|-----|----------------|
| 1   | = 24 Shore     |
| 4   | = 6 Shore      |
| 5   | = 12 Shore     |
| 6   | = 18 Shore     |

| Art. no.  | Tampon roller Ø ① | Printing width ③ | Core width ④ | Core Ø ② | Tampon number |
|-----------|-------------------|------------------|--------------|----------|---------------|
| 36 .. 906 | 100               | 200              | 200          | 80       | 906           |
| 36 .. 062 | 100,5             | 12               | 21           | 80       | 062           |
| 36 .. 066 | 100,5             | 20               | 20           | 80       | 066           |
| 36 .. 061 | 100,5             | 27               | 27           | 55       | 061           |
| 36 .. 063 | 100,5             | 27               | 27           | 80       | 063           |
| 36 .. 057 | 100,5             | 45               | 50           | 80       | 057           |
| 36 .. 064 | 100,5             | 50               | 50           | 80       | 064           |
| 36 .. 099 | 100,5             | 60               | 60           | 80       | 099           |
| 36 .. 107 | 100,5             | 95               | 100          | 80       | 107           |
| 36 .. 055 | 101               | 27               | 27           | 80       | 055           |
| 36 .. 052 | 101               | 35               | 50           | 80       | 052           |
| 36 .. 054 | 101               | 45               | 50           | 80       | 054           |
| 36 .. 056 | 101               | 50               | 50           | 80       | 056           |
| 36 .. 100 | 101               | 60               | 60           | 50       | 100           |
| 36 .. 101 | 101               | 60               | 60           | 80       | 101           |
| 36 .. 102 | 101               | 75               | 100          | 50       | 102           |
| 36 .. 103 | 101               | 75               | 100          | 80       | 103           |
| 36 .. 104 | 101               | 95               | 100          | 50       | 104           |
| 36 .. 105 | 101               | 95               | 100          | 80       | 105           |
| 36 .. 106 | 101               | 100              | 100          | 80       | 106           |
| 36 .. 152 | 101               | 150              | 150          | 80       | 152           |
| 36 .. 913 | 201               | 8                | 8            | 190      | 913           |
| 36 .. 910 | 201               | 27               | 27           | 160      | 910           |
| 36 .. 914 | 201               | 34               | 38           | 180      | 914           |
| 36 .. 912 | 201               | 35               | 35           | 160      | 912           |
| 36 .. 911 | 201               | 90               | 100          | 160      | 911           |
| 36 .. 908 | 201               | 100              | 100          | 160      | 908           |

# Tampon rollers



## Detailed construction of a tampon roller

The tampon roller is defined as follows (in mm):

- ① Roller diameter
- ② Aluminium core diameter
- ③ Printing width (silicone)
- ④ Aluminium core width
- ⑤ Silicone quality (silicone colour)
- ⑥ Silicone hardness (Shore hardness)

## Quality 37

Reddish brown  
silicone core

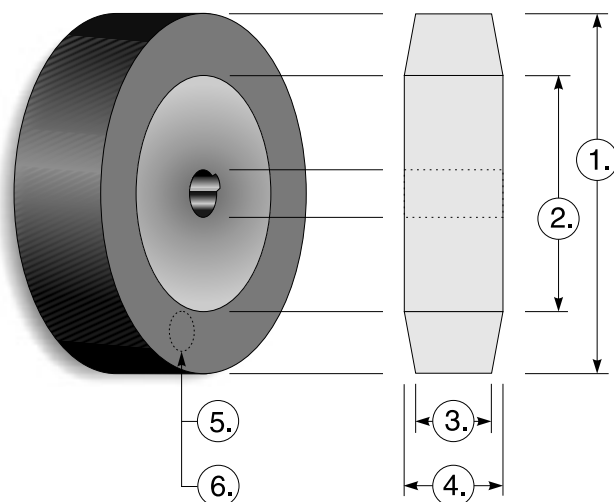
| No. | Shore hardness |
|-----|----------------|
| 1   | = 24 Shore     |
| 7   | = 40 Shore     |
| 8   | = 55 Shore     |
| 9   | = 70 Shore     |

| Art. no.  | Tampon roller Ø ① | Printing width ③ | Core width ④ | Core Ø ② | Tampon number |
|-----------|-------------------|------------------|--------------|----------|---------------|
| 37 .. 151 | 100               | 150              | 150          | 80       | 151           |
| 37 .. 906 | 100               | 200              | 200          | 80       | 906           |
| 37 .. 062 | 100,5             | 12               | 21           | 80       | 062           |
| 37 .. 066 | 100,5             | 20               | 20           | 80       | 066           |
| 37 .. 063 | 100,5             | 27               | 27           | 80       | 063           |
| 37 .. 057 | 100,5             | 45               | 50           | 80       | 057           |
| 37 .. 064 | 100,5             | 50               | 50           | 80       | 064           |
| 37 .. 099 | 100,5             | 60               | 60           | 80       | 099           |
| 37 .. 107 | 100,5             | 95               | 100          | 80       | 107           |
| 37 .. 060 | 101,3             | 27               | 27           | 80       | 060           |
| 37 .. 080 | 101,5             | 50               | 50           | 80       | 080           |
| 37 .. 008 | 101               | 8                | 8            | 80       | 008           |
| 37 .. 050 | 101               | 10               | 10           | 80       | 050           |
| 37 .. 055 | 101               | 27               | 27           | 80       | 055           |
| 37 .. 051 | 101               | 35               | 50           | 50       | 051           |
| 37 .. 052 | 101               | 35               | 50           | 80       | 052           |
| 37 .. 053 | 101               | 45               | 50           | 50       | 053           |
| 37 .. 054 | 101               | 45               | 50           | 80       | 054           |
| 37 .. 056 | 101               | 50               | 50           | 80       | 056           |
| 37 .. 100 | 101               | 60               | 60           | 50       | 100           |
| 37 .. 101 | 101               | 60               | 60           | 80       | 101           |
| 37 .. 102 | 101               | 75               | 100          | 50       | 102           |
| 37 .. 103 | 101               | 75               | 100          | 80       | 103           |
| 37 .. 104 | 101               | 95               | 100          | 50       | 104           |
| 37 .. 105 | 101               | 95               | 100          | 80       | 105           |
| 37 .. 106 | 101               | 100              | 100          | 80       | 106           |
| 37 .. 152 | 101               | 150              | 150          | 80       | 152           |

see next page

# Tampon rollers

Rotary printing  
Quality 37



## Detailed construction of a tampon roller

The tampon roller is defined as follows (in mm):

- ① Roller diameter
- ② Aluminium core diameter
- ③ Printing width (silicone)
- ④ Aluminium core width
- ⑤ Silicone quality (silicone colour)
- ⑥ Silicone hardness (Shore hardness)

## Quality 37

Reddish brown  
silicone core

### No. Shore hardness

|   |   |          |
|---|---|----------|
| 1 | = | 24 Shore |
| 7 | = | 40 Shore |
| 8 | = | 55 Shore |
| 9 | = | 70 Shore |

| Art. no.  | Tampon roller Ø ① | Printing width ③ | Core width ④ | Core Ø ② | Tampon number |
|-----------|-------------------|------------------|--------------|----------|---------------|
| 37 .. 913 | 201               | 8                | 8            | 190      | 913           |
| 37 .. 010 | 201               | 19               | 19           | 160      | 010           |
| 37 .. 910 | 201               | 27               | 27           | 160      | 910           |
| 37 .. 914 | 201               | 34               | 38           | 180      | 914           |
| 37 .. 912 | 201               | 35               | 35           | 160      | 912           |
| 37 .. 067 | 201               | 36               | 41           | 160      | 067           |
| 37 .. 907 | 201               | 50               | 50           | 160      | 907           |
| 37 .. 909 | 201               | 65               | 65           | 180      | 909           |
| 37 .. 911 | 201               | 90               | 100          | 160      | 911           |
| 37 .. 908 | 201               | 100              | 100          | 160      | 908           |
| 37 .. 905 | 201               | 100              | 100          | 180      | 905           |
| 37 .. 200 | 201               | 200              | 200          | 180      | 200           |

### Application instructions:

Select the tampon roller taking into account the print image dimensions and the surface form/structure of the material to be printed.

The silicone<sup>®</sup> printing width is determined by the print image width. The tampon roller should be approx. 5 mm wider at each side than the print image width.

The surface form of the material to be printed determines the thickness of the silicone layer. Bevelled material where the tampon must adapt to the surface

requires a thicker silicone layer. It is possible that you will have to choose a smaller aluminium core<sup>②</sup>.

The surface structure of the material to be printed determines the hardness of the silicone layer<sup>⑥</sup>. The rougher and coarser the structure, the harder the silicone must be in order to achieve a sharp print (and the higher the pressure force of the machine must be).

The silicone layer is tapered towards the printing area which increases the smooth tampon roller operation as the printing area is supported at the sides (aluminium width<sup>④</sup> and printing width<sup>③</sup>).

