# **Counting Discs**





#### The Task

 The growing variety of products on the market requires the availability of corresponding counting discs.

#### The Solution

Our constantly developed and expanded range of counting discs.

### The Advantages

- Short conversion times.
- Gentle handling of products during the counting process.
- Wide working range.

### The Flexibility

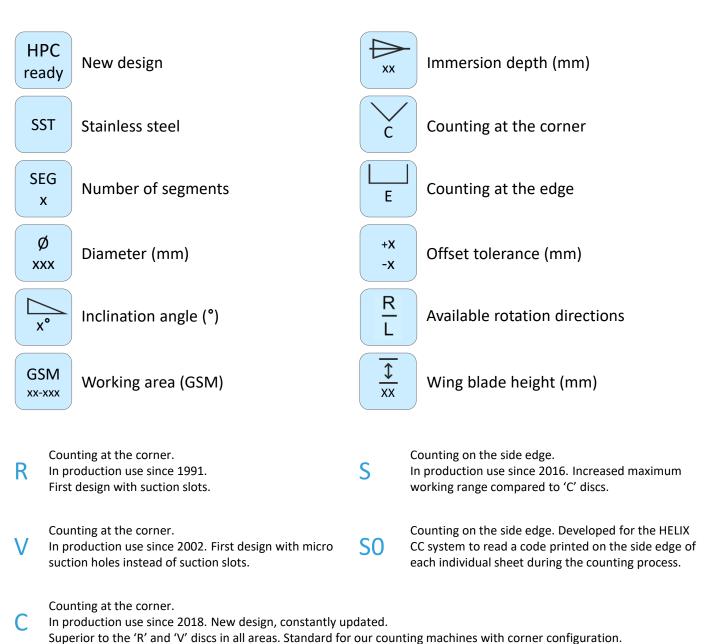
- All types of substrates used in the global security printing industry, with a few exceptions also in commercial printing, can be processed at high speed and with extreme precision.
- Depending on the application, counting at the corner or on the side edge.

### The Substrates

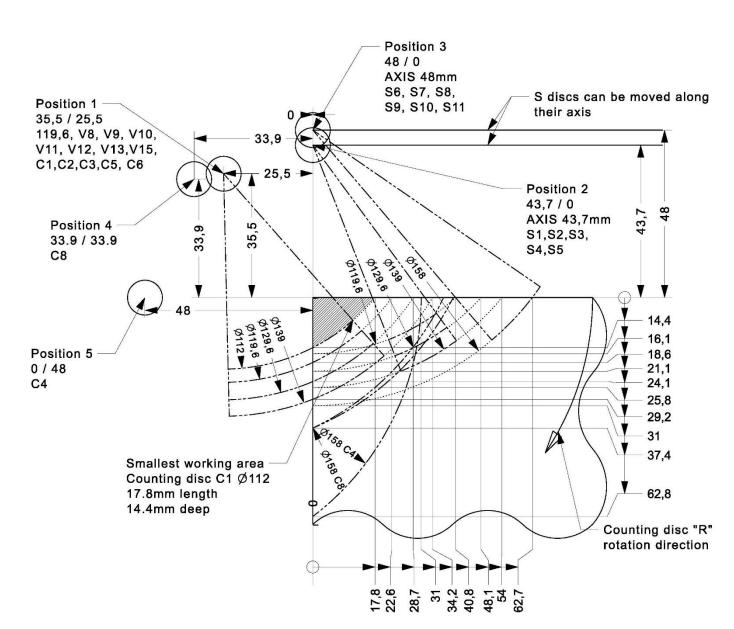
- Cellulose-based products
- Cotton-based products
- Cardboard-based products
- Polymer-based products
- Coated products
- Hybrid products
- Laminated products
- And much more

# Catalogue

### Legend



## **Positions**



Туре	Köster Part No.	Adapter Part No.	Alternative Part No.	Туре	Köster Part No.	Adapter Part No.	Alternative Part No.
R6.5 119.6	SST SEG 6	Ø 119.6 GSM 70-120	$ \begin{array}{c c} \hline  & \\ 18.6 \end{array} \qquad \begin{array}{c} +0 \\ -1 \end{array} \qquad \begin{array}{c} \underline{R} \\ \underline{L} $	V13	SST SEG	Ø 139 10° GSM 120-300	$ \begin{array}{c c}     \hline                                $
Clockwise Counterclockwise	KPN-A01-010-R KPN-A01-010-L	KPN-A15-010-RV-R KPN-A15-010-LV-LD	10.0101046.R119.6 10.0101046.L119.6	Clockwise Counterclockwise	KPN-A01-130-R KPN-A01-130-L	KPN-A15-010-RV-R KPN-A15-010-LV-LD	10.0101046.R139V13 10.0101046.L139V13
V8	SST SEG 6	Ø GSM 50-120	$ \begin{array}{c c} \hline  & \\ 18.6 \end{array} \qquad \begin{array}{c c}  & \\ \hline  & \\ \hline  & \\ \hline  & \\ \end{array} $	V15	SST SEG	Ø GSM 40-150	29.2 C +0 R
Clockwise Counterclockwise	KPN-A01-080-R KPN-A01-080-L	KPN-A15-010-RV-R KPN-A15-010-LV-LD	10.0101046.R119.6/13V8 10.0101046.L119.6/13V8	Clockwise	KPN-A01-150-R	KPN-A15-010-RV-R	10.0101046.R139V15
V8 40 gr.	SST SEG 6	Ø GSM 40-110	18.6 C +0 R	C1	HPC ready SST SEG 6	Ø 112 8° GSM 35-100	14.4 C +0 R
Clockwise	KPN-A01-081-R	KPN-A15-010-RV-R	10.0101046.R119.6V8_40GR	Clockwise	KPN-A02-001-R	KPN-A15-020-RV-RC1	10.0101046.R112/13_C1
V9	SST SEG 3	Ø GSM 50-160	$ \begin{array}{c cccc}  & & & & \\ \hline 24.1 & & & & \\ \hline C & & & & \\ \hline C & & & & \\ \hline C & & \\ C & & \\ \hline C & & \\ C & & \\ \hline C & & \\ C &$	C2	HPC ready SST SEG 6	Ø 129.6 GSM 30-150	$ \begin{array}{c cccc}  & & & & \\ \hline 24.1 & & & \\ \hline C & & & & \\ C & & & \\ \hline C & & & \\ C & & \\ C$
Clockwise Counterclockwise	KPN-A01-090-R KPN-A01-090-L	KPN-A15-010-RV-R KPN-A15-010-LV-LD	10.0101046.R129.6V9 10.0101046.L129.6V9	Clockwise Counterclockwise	KPN-A02-002-R KPN-A02-002-L	KPN-A15-020-RV-RC2 KPN-A15-020-LV-LC2	10.0101046.R129.6/10_C2 10.0101046.L129.6/10_C2
V10	SST SEG 6	Ø 129.6 GSM 60-115	$ \begin{array}{c cccc}  & & & & \\ \hline 24.1 & & & \\ \hline  & & & \\ \end{array} $	C3	HPC ready SST SEG 6	Ø 119.6 10° GSM 35-140	$ \begin{array}{c cccc}  & & & & \\ \hline 18.6 & & & & \\ \hline  $
Clockwise Counterclockwise	KPN-A01-100-R KPN-A01-100-L	KPN-A15-010-RV-R KPN-A15-010-LV-LD	10.0101046.R129.6V10 10.0101046.L129.6V10	Clockwise Counterclockwise	KPN-A02-003-R KPN-A02-003-L	KPN-A15-020-RV-RC3 KPN-A15-020-LV-LC3	10.0101046.R119.6_C3
V11	SST SEG 3	Ø GSM 60-120	$ \begin{array}{c cccc}  & & & & & \\ \hline 24.1 & & & & \\ \hline C & & \\ C & & \\ \hline C & & \\ C & & \\ \hline C & & \\ C & & \\ \hline C & & \\ C & & \\$	C4	HPC ready SST SEG 3	Ø 158 8° GSM 250->600	65.5 C +0 -3 R
Clockwise Counterclockwise	KPN-A01-110-R KPN-A01-110-L	KPN-A15-010-RV-R KPN-A15-010-LV-LD	10.0101046.R129.6V11 10.0101046.L129.6V11	Clockwise Counterclockwise	KPN-A02-004-R	KPN-A15-020-RV-RC4	
V12	SST SEG 3	Ø GSM 90-250	$ \begin{array}{c cccc}  & & & & & \\ \hline 24.1 & & & & \\ \hline C & & \\ C & & \\ \hline C & & \\ C & & \\ \hline C & & \\ C & & \\ \hline C & & \\ C & & \\$	C6	HPC ready SST SEG 6	Ø 129.6 GSM 50-200	$ \begin{array}{c cccc}  & & & & & \\ \hline 24.1 & & & & \\ \hline C & & & & \\ \end{array} $
Clockwise Counterclockwise	KPN-A01-120-R KPN-A01-120-L	KPN-A15-010-RV-R KPN-A15-010-LV-LD	10.0101046.R129.6V12 10.0101046.L129.6V12	Clockwise Counterclockwise	KPN-A02-006-R KPN-A02-006-L	KPN-A15-020-RV-RC2 KPN-A15-020-LV-LC2	

Туре	Köster Part No.	Adapter Part No.	Alternative Part No.	Туре	Köster Part No.	Adapter Part No.	Alternative Part No.
C7	HPC ready SST SEG 6	Ø 158 8° GSM 120-350	36.6 C +0 R	<b>S7</b>	HPC ready SST SEG 4	Ø SSM 35-150	31
Clockwise	KPN-A02-007-R	KPN-A15-020-RV-RC7		Clockwise Counterclockwise	KPN-A03-007-R KPN-A03-007-L	KPN-A15-030-RV-RS6 KPN-A15-030-LV-LS6	10.0101046.R158/8_S7 10.0101046.L158/8_S7
<b>S1</b>	HPC ready SST SEG 4	Ø 139 9° GSM 200- 500	25.8 E +0 R L	S8	HPC ready SST SEG 5	Ø GSM 35-170	20 E +3 -2.5 E
Clockwise Counterclockwise	KPN-A03-001-R KPN-A03-001-L	KPN-A15-030-RV-RS1 KPN-A15-030-RV-LS1	10.010101046.R139S1 10.010101046.L139S1	Clockwise Counterclockwise	KPN-A03-008-R KPN-A03-008-L	KPN-A15-030-RV-RS8 KPN-A15-030-LV-LS8	
S2	HPC ready SST SEG 5	Ø 119.6 8° GSM 35-115	$ \begin{array}{c cccc}  & & & & & & \\ \hline 16.1 & & & & & & \\ \hline E & & & & & & \\ \hline & & & & & & \\ \hline & & & & \\ \hline$	<b>S</b> 9	HPC ready SST SEG 4	Ø 158 S° GSM 70-270	31 E +3 R
Clockwise Counterclockwise	KPN-A03-002-R KPN-A03-002-L	KPN-A15-030-RV-RS2 KPN-A15-030-RV-LS2	10.010101046.R119.6/8_S2 10.010101046.L119.6/8_S2	Clockwise	KPN-A03-009-R	KPN-A15-030-RV-RS9	
<b>S</b> 3	HPC ready SST SEG 5	Ø 119.6 8° GSM 40-115	$ \begin{array}{c cccc}  & & & & & \\ \hline 16.1 & & & & & \\ \hline E & & & & & \\ \hline & & & & \\$	S10	HPC ready SST SEG 4	Ø 158 5° GSM 200-350	31 E +4 -4 R
Clockwise Counterclockwise	KPN-A03-003-R KPN-A03-003-L	KPN-A15-030-RV-RS3 KPN-A15-030-RV-LS3	10.010101046.R119.6/8_S3 10.010101046.L119.6/8_S3	Clockwise	KPN-A03-010-R	KPN-A15-030-RV-RS8	
S4	HPC ready SST SEG 6	Ø 129.6 8° GSM 40-115	$ \begin{array}{c cccc}  & & & & & \\ \hline 21.1 & & & & \\ \hline E & & & -3 & & \\ \hline R & & & \\ \hline L \end{array} $	S11	HPC ready SST SEG 3	Ø 158 5° GSM 250 ->500	31 E +3 R L
Clockwise Counterclockwise	KPN-A03-004-R KPN-A03-004-L	KPN-A15-030-RV-RS4 KPN-A15-030-LV-LS4	10.010101046.R129.6/8_S4 10.010101046.L129.6/8_S4	Clockwise Counterclockwise	KPN-A03-011-R KPN-A03-011-L	KPN-A15-030-RV-RS8 KPN-A15-030-LV-RS8	
<b>S</b> 5	HPC ready SST SEG 4	Ø 129.6 8° GSM 40-115	$ \begin{array}{c cccc}  & & & & & \\ \hline 21.1 & & & & & \\ \hline E & & & & & \\ \end{array} $	SO2	HPC ready SST SEG 2	$ \begin{array}{c c} \emptyset & \hline \\ 136 & \hline \\ & & \\ & $	20 E +3 -2,5 R
Clockwise Counterclockwise	KPN-A03-005-R KPN-A03-005-L	KPN-A15-030-RV-RS5 KPN-A15-030-LV-LS5	10.010101046.R129.6/8_S5 10.010101046.L129.6/8_S5	Clockwise	KPN-A05-001-R-02	KPN-A15-050-RV-RSO1	
<b>S</b> 6	HPC ready SST SEG 4	Ø SM 30-200	$\begin{array}{ c c c c c }\hline & & & & & \\\hline 31 & & E & & & \\\hline & & & & & \\\hline \end{array}$				
Clockwise	KPN-A03-006-R	KPN-A15-030-RV-RS6	10.0101046.R158/8_S6				

KPN-A15-030-LV-LS6

10.0101046.L158/8\_S6

KPN-A03-006-L

Counterclockwise

## **Basic Information**

## Discs

- The details of the GSM values are based on experience and tests. Depending on the product rigidity, these values may differ.
- Older produced counting discs for corner position are designated by 1xx,x for the diameter in "mm" and / or "V8 -V15" depending on the type.
- Newly produced counting discs for corner position are designated by "C1-Cx" depending on the type.
- Newly produced counting discs for edge position are designated by "S1-Sx" depending on the type.
- Warranty for the lifetime of the counting discs is not granted as the abrasive wear depends highly to the processed product.

# Machines

- Maximum counting speed refers generally to the rated maximum rpm value and the machine design.
- It is not granted that maximum speed can be attended using all kind of substrates / materials.
- Warranty time 12 months upon issuing of the acceptance certificate.
- Warranty extension of 24 months optionally available.
- Warranty coverage except wear parts.







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Subject to modifications V07