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

HPC ready	New design	xx	Immersion depth (mm)
SST	Stainless steel	C	Counting at the corner
SEG x	Number of segments	E	Counting at the edge
Ø xxx	Diameter (mm)	+X -x	Offset tolerance (mm)
x°	Inclination angle (°)	$\frac{R}{L}$	Available rotation directions
GSM xx-xxx	Working area (GSM)	<u></u>	Wing blade height (mm)

- Counting at the corner. R In production use since 1991. First design with suction slots.
 - In production use since 2002. First design with micro
- Counting at the corner. Counting on the side edge. Developed for the HELIX **SO** CC system to read a code printed on the side edge of suction holes instead of suction slots. each individual sheet during the counting process.

S

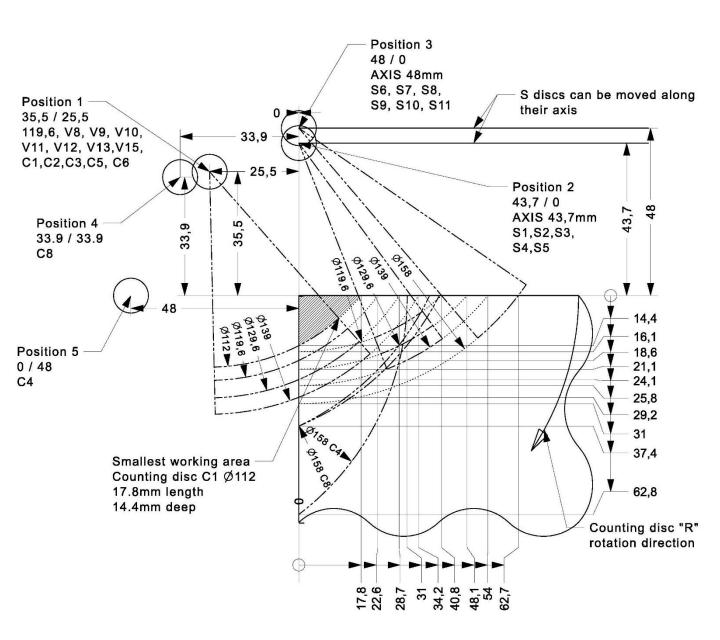
Counting on the side edge.

working range compared to 'C' discs.

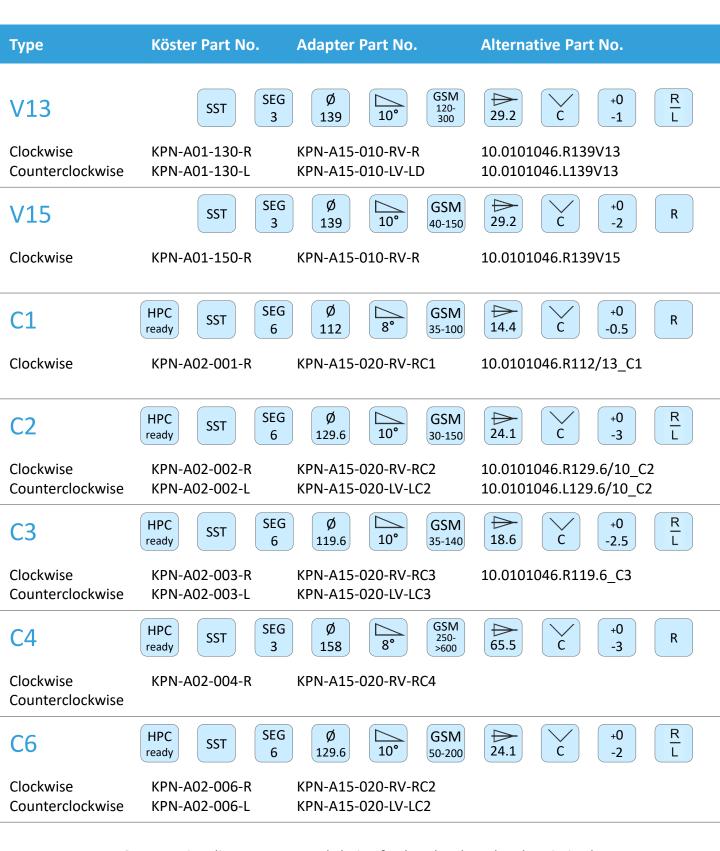
In production use since 2016. Increased maximum

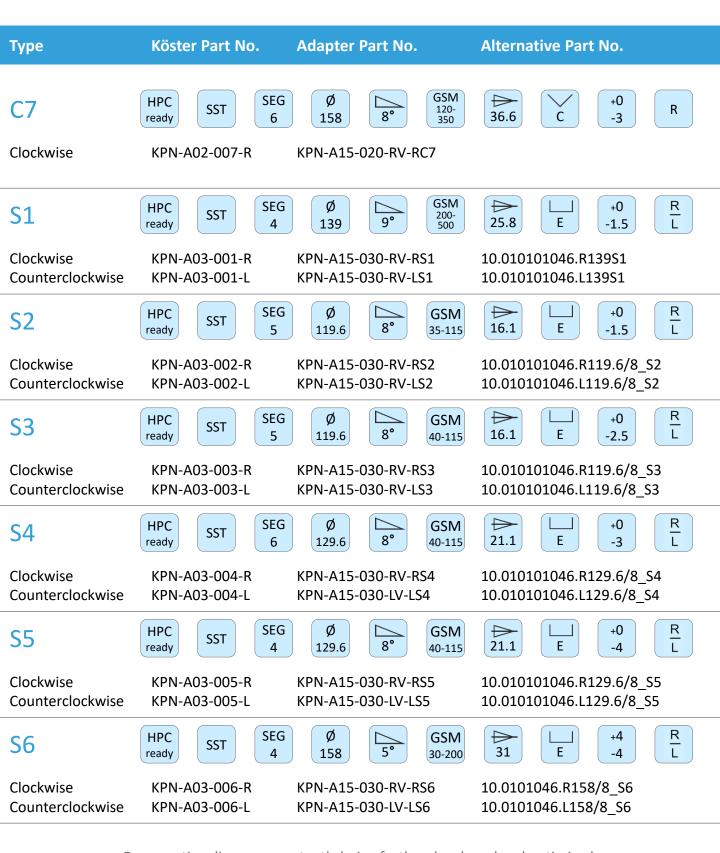
Counting at the corner. In production use since 2018. New design, constantly updated. Superior to the 'R' and 'V' discs in all areas. Standard for our counting machines with corner configuration.

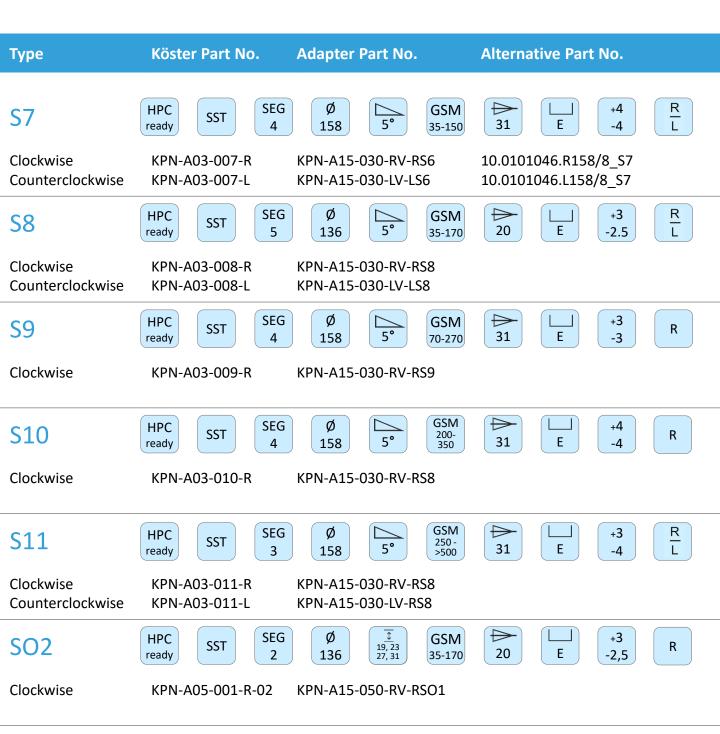
Positions



Туре	Köster Part No.	Adapter Part No.	Alternative Part No.
R6.5 119.6	SST SEG 6	Ø GSM 70-120	$ \begin{array}{c c} $
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
V8	SST SEG 6	Ø 119.6 GSM 50-120	$ \begin{array}{c c} $
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
V8 40 gr.	SST SEG 6	Ø GSM 40-110	18.6 C +0 R
Clockwise	KPN-A01-081-R	KPN-A15-010-RV-R	10.0101046.R119.6V8_40GR
V9	SST SEG 3	Ø SSM 50-160	$\begin{array}{ c c c c }\hline & & & & \\ \hline 24.1 & & & \\ \hline \end{array}$
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
V10	SST SEG 6	Ø GSM 60-115	$ \begin{array}{c cccc} & & & & \\ \hline 24.1 & & & \\ \hline C & & & \\ \end{array} $
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
V11	SST SEG 3	Ø GSM 60-120	$ \begin{array}{c c} \hline $
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
V12	SST SEG 3	Ø GSM 90-250	$ \begin{array}{c cccc} & & & & \\ \hline 24.1 & & & & \\ \hline $
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







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.





 $\begin{tabular}{ll} K\"{o}ster\ GmbH\ \cdot\ Robert-Bosch-Straße\ 4\ \cdot\ D\ -7\ 41\ 82\ Obersulm\ -Willsbach\ Telefon: +49(0)71344051\cdot E-Mail: service@koester-gmbh.de\cdot Internet: www.koester-gmbh.de \end{tabular}$