

Counting Discs

Köster



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



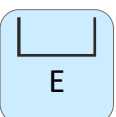
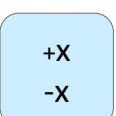
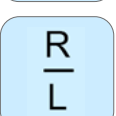
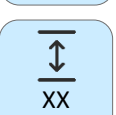
- All types of substrates used in the global security printing industry, with a few exceptions also in commercial printing, can be processed at high speed and with extreme precision.
- Depending on the application, counting at the corner or on the side edge.

The Substrates

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

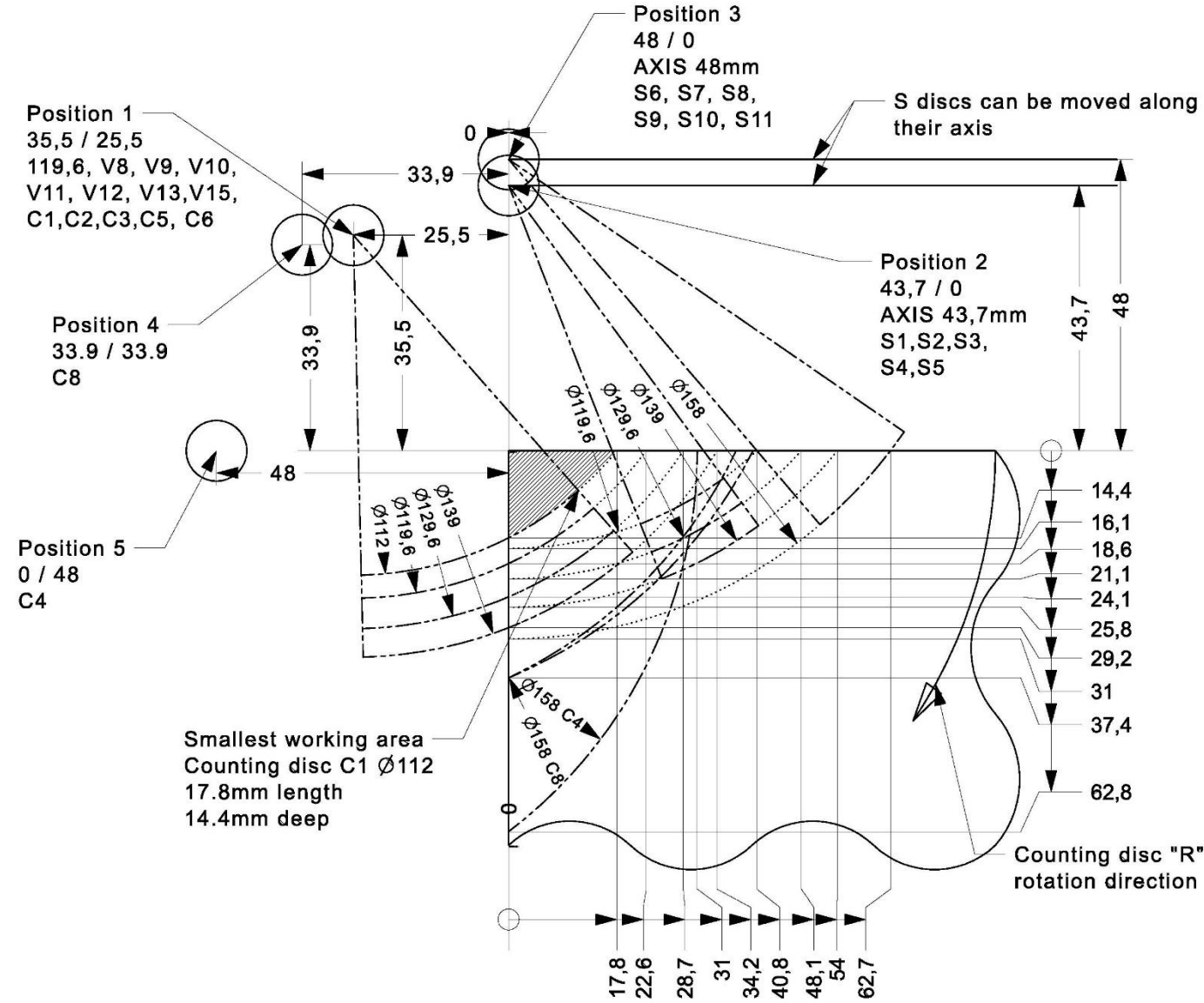
Catalogue

Legend

- HPC ready** New design
- SST** Stainless steel
- SEG x** Number of segments
- \varnothing xxx Diameter (mm)
- x° Inclination angle (°)
- GSM xx-xxx** Working area (GSM)
-  Immersion depth (mm)
-  Counting at the corner
-  Counting at the edge
-  Offset tolerance (mm)
-  Available rotation directions
-  Wing blade height (mm)

- R** Counting at the corner. In production use since 1991. First design with suction slots.
- V** Counting at the corner. In production use since 2002. First design with micro suction holes instead of suction slots.
- C** 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.
- S** Counting on the side edge. In production use since 2016. Increased maximum working range compared to 'C' discs.
- SO** Counting on the side edge. Developed for the HELIX CC system to read a code printed on the side edge of each individual sheet during the counting process.



































































































































Positions



Type	Köster Part No.	Adapter Part No.	Alternative Part No.	Type	Köster Part No.	Adapter Part No.	Alternative Part No.													
6.5 119.6										V13										
Clockwise	KPN-A01-010-R	KPN-A15-010-RV-R	10.0101046.R119.6	Clockwise	KPN-A01-130-R	KPN-A15-010-RV-R	10.0101046.R139V13	Counterclockwise	KPN-A01-010-L	KPN-A15-010-LV-LD	10.0101046.L119.6	Counterclockwise	KPN-A01-130-L	KPN-A15-010-LV-LD	10.0101046.L139V13					
V8										V15										
Clockwise	KPN-A01-080-R	KPN-A15-010-RV-R	10.0101046.R119.6/13V8	Clockwise	KPN-A01-150-R	KPN-A15-010-RV-R	10.0101046.R139V15	Counterclockwise	KPN-A01-080-L	KPN-A15-010-LV-LD	10.0101046.L119.6/13V8	Counterclockwise	KPN-A01-150-L	KPN-A15-010-LV-LD	10.0101046.L139V15					
V8 40 gr.										C1										
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										C2										
Clockwise	KPN-A01-090-R	KPN-A15-010-RV-R	10.0101046.R129.6V9	Clockwise	KPN-A02-002-R	KPN-A15-020-RV-RC2	10.0101046.R129.6/10_C2	Counterclockwise	KPN-A01-090-L	KPN-A15-010-LV-LD	10.0101046.L129.6V9	Counterclockwise	KPN-A02-002-L	KPN-A15-020-LV-LC2	10.0101046.L129.6/10_C2					
V10										C3										
Clockwise	KPN-A01-100-R	KPN-A15-010-RV-R	10.0101046.R129.6V10	Clockwise	KPN-A02-003-R	KPN-A15-020-RV-RC3	10.0101046.R119.6_C3	Counterclockwise	KPN-A01-100-L	KPN-A15-010-LV-LD	10.0101046.L129.6V10	Counterclockwise	KPN-A02-003-L	KPN-A15-020-LV-LC3						
V11										C4										
Clockwise	KPN-A01-110-R	KPN-A15-010-RV-R	10.0101046.R129.6V11	Clockwise	KPN-A02-004-R	KPN-A15-020-RV-RC4	Counterclockwise	KPN-A01-110-L	KPN-A15-010-LV-LD	10.0101046.L129.6V11	Counterclockwise	KPN-A02-004-L	KPN-A15-020-LV-LC4							
V12										C6										
Clockwise	KPN-A01-120-R	KPN-A15-010-RV-R	10.0101046.R129.6V12	Clockwise	KPN-A02-006-R	KPN-A15-020-RV-RC2	Counterclockwise	KPN-A01-120-L	KPN-A15-010-LV-LD	10.0101046.L129.6V12	Counterclockwise	KPN-A02-006-L	KPN-A15-020-LV-LC2							

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Type	Köster Part No.	Adapter Part No.	Alternative Part No.	Type	Köster Part No.	Adapter Part No.	Alternative Part No.
C7	         			S7	         		
Clockwise	KPN-A02-007-R	KPN-A15-020-RV-RC7		Clockwise	KPN-A03-007-R	KPN-A15-030-RV-RS6	10.0101046.R158/8_S7
Counterclockwise	KPN-A02-007-L			Counterclockwise	KPN-A03-007-L	KPN-A15-030-LV-LS6	10.0101046.L158/8_S7
S1	         			S8	         		
Clockwise	KPN-A03-001-R	KPN-A15-030-RV-RS1	10.010101046.R139S1	Clockwise	KPN-A03-008-R	KPN-A15-030-RV-RS8	
Counterclockwise	KPN-A03-001-L	KPN-A15-030-RV-LS1	10.010101046.L139S1	Counterclockwise	KPN-A03-008-L	KPN-A15-030-LV-LS8	
S2	         			S9	         		
Clockwise	KPN-A03-002-R	KPN-A15-030-RV-RS2	10.010101046.R119.6/8_S2	Clockwise	KPN-A03-009-R	KPN-A15-030-RV-RS9	
Counterclockwise	KPN-A03-002-L	KPN-A15-030-RV-LS2	10.010101046.L119.6/8_S2				
S3	         			S10	         		
Clockwise	KPN-A03-003-R	KPN-A15-030-RV-RS3	10.010101046.R119.6/8_S3	Clockwise	KPN-A03-010-R	KPN-A15-030-RV-RS8	
Counterclockwise	KPN-A03-003-L	KPN-A15-030-RV-LS3	10.010101046.L119.6/8_S3				
S4	         			S11	         		
Clockwise	KPN-A03-004-R	KPN-A15-030-RV-RS4	10.010101046.R129.6/8_S4	Clockwise	KPN-A03-011-R	KPN-A15-030-RV-RS8	
Counterclockwise	KPN-A03-004-L	KPN-A15-030-LV-LS4	10.010101046.L129.6/8_S4	Counterclockwise	KPN-A03-011-L	KPN-A15-030-LV-LS8	
S5	         			SO2	         		
Clockwise	KPN-A03-005-R	KPN-A15-030-RV-RS5	10.010101046.R129.6/8_S5	Clockwise	KPN-A05-001-R-02	KPN-A15-050-RV-RSO1	
Counterclockwise	KPN-A03-005-L	KPN-A15-030-LV-LS5	10.010101046.L129.6/8_S5				
S6	         						
Clockwise	KPN-A03-006-R	KPN-A15-030-RV-RS6	10.0101046.R158/8_S6				
Counterclockwise	KPN-A03-006-L	KPN-A15-030-LV-LS6	10.0101046.L158/8_S6				

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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.



köster

HPC – HIGH PERFORMANCE COUNTING

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Subject to modifications V07