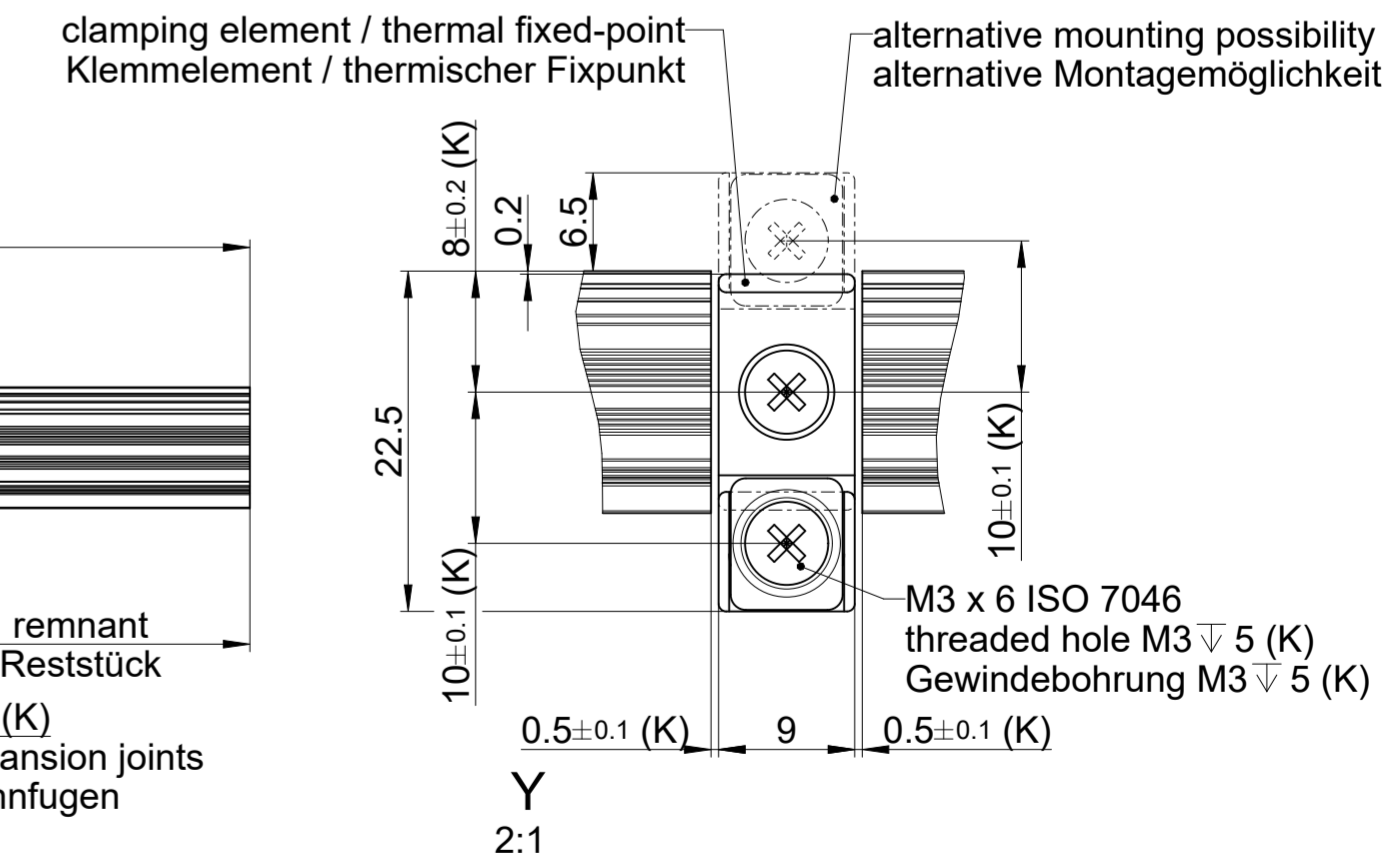
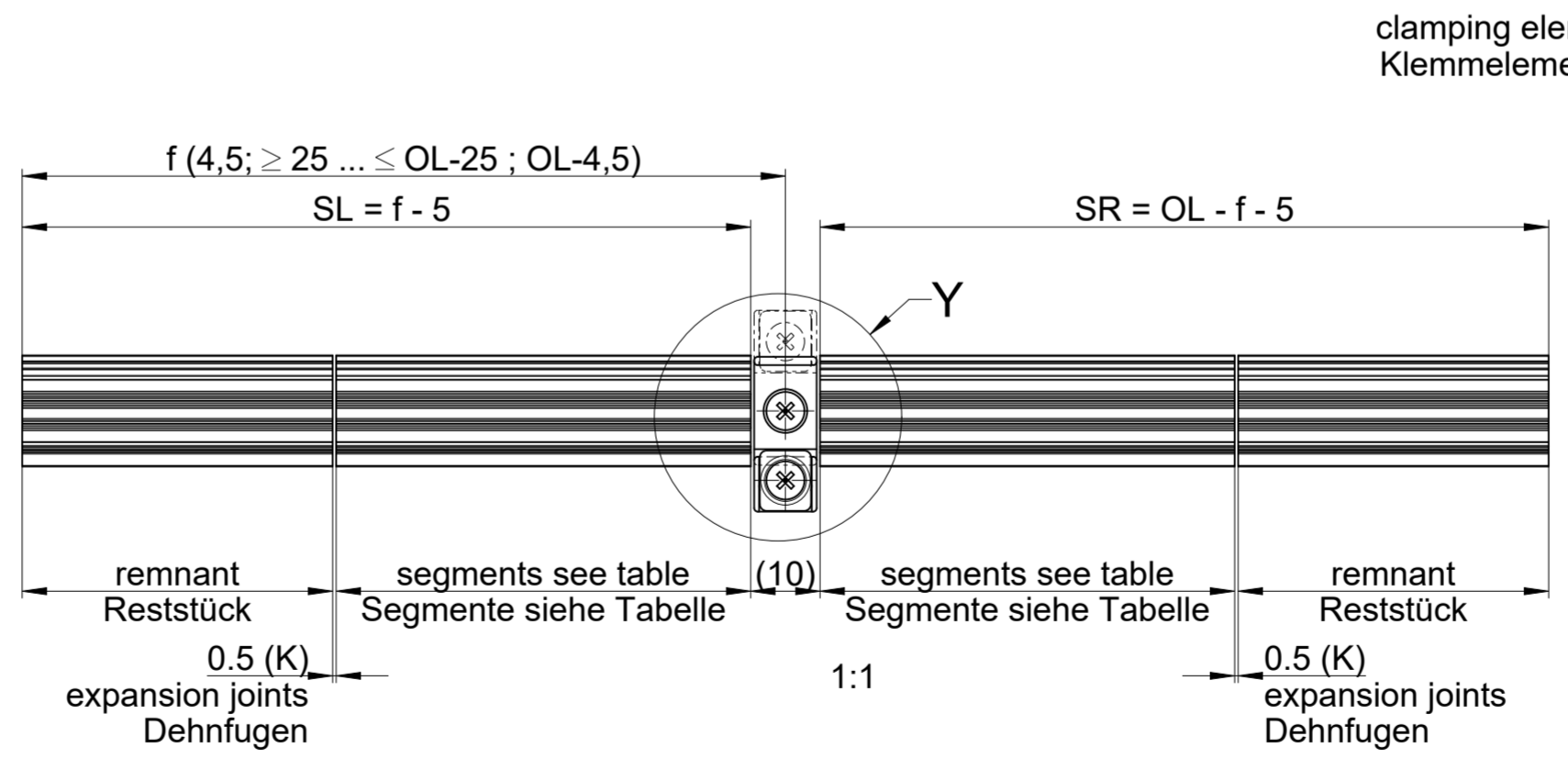


SL, SR = segment length / Segmentlänge  
 $\geq 20 \dots \leq 1000 = 1x \text{ remnant} / \text{Reststück } (\geq 20 \dots \leq 1000)$   
 $>1000 \dots \leq 1500 = 1x 499,5 + 1x \text{ remnant} / \text{Reststück } (>500 \dots \leq 1000)$   
 $>1500 \dots \leq 2000 = 1x 999,5 + 1x \text{ remnant} / \text{Reststück } (>500 \dots \leq 1000)$   
 $>2000 \dots \leq 2500 = 1x 499,5 + 1x 999,5 + 1x \text{ remnant} / \text{Reststück } (>500 \dots \leq 1000)$   
 $>2500 \dots \leq 3000 = 2x 999,5 + 1x \text{ remnant} / \text{Reststück } (>500 \dots \leq 1000)$   
 $>3000 \dots \leq 3500 = 1x 499,5 + 2x 999,5 + 1x \text{ remnant} / \text{Reststück } (>500 \dots \leq 1000)$   
 etc.  
 M = machine guideway / Maschinenführung  
 ML = measuring length / Meslänge  
 OL = overall length / Gesamtlänge  
 $\leftrightarrow = S \dots S + ML$   
 $\rightarrow +$  = direction of motion of the scanning unit for ascending position values  
 = Bewegungsrichtung des Abtastkopfes für steigende Positionswerte  
 (S) = code start value not defined (standard) / Codestartwert nicht definiert (Standard)  
 code start value on customer request  $\geq 16 \text{ mm}$  (optional) /  
 Codestartwert nach Kundenwunsch  $\geq 16 \text{ mm}$  (optional)  
 C = cable / Anschlusskabel  
 K = required mating dimensions / kundenseitige Anschlussmaße  
 L = LED function display / LED Funktionsanzeige  
 R = bending radius / Biegeradius: stat.  $R \geq 8 \text{ mm}$ , dyn.  $R \geq 40 \text{ mm}$   
 $f = OL/2$  (standard)  
 any position of the clamping element (optional)  
 beliebige Position des Klemmelements (optional)



Permissible position deviation scanning head - scale tape **A B**  
 Zulässige Lageabweichungen Abtastkopf - Maßband **A B**  
 $\Delta_z = +0.25 \text{ mm} / -0.2 \text{ mm}$  (airgap / Abstand)  
 $\Delta_y = \pm 0.5 \text{ mm}$  (lateral / Verschiebung)  
 $\varphi_z = \pm 20 \text{ mrad}$  or / oder  $\pm 1.15^\circ$  (yaw angle / Gierwinkel)  
 $\varphi_y = \pm 20 \text{ mrad}$  or / oder  $\pm 1.15^\circ$  (pitch angle / Nickwinkel)  
 $\varphi_x = \pm 20 \text{ mrad}$  or / oder  $\pm 1.15^\circ$  (roll angle / Rollwinkel)

Original drawing		MC15xL MP		ID number:
Scale		MC15xL MP		Change No. C163843-10
Format		Anschlussmaße / Mating Dimensions		Phase: Nicht-Serie
Dimensions in mm	2:1	A2		Tolerances as per ISO 8015
The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design. (ISO 16016)				General Tolerances ISO 2768:1989-mH $\leq 6 \pm 0.2$
Released		Version	Revision	Sheet
08.03.2024				1 of 1
D1432548-00-B-01		Document number		