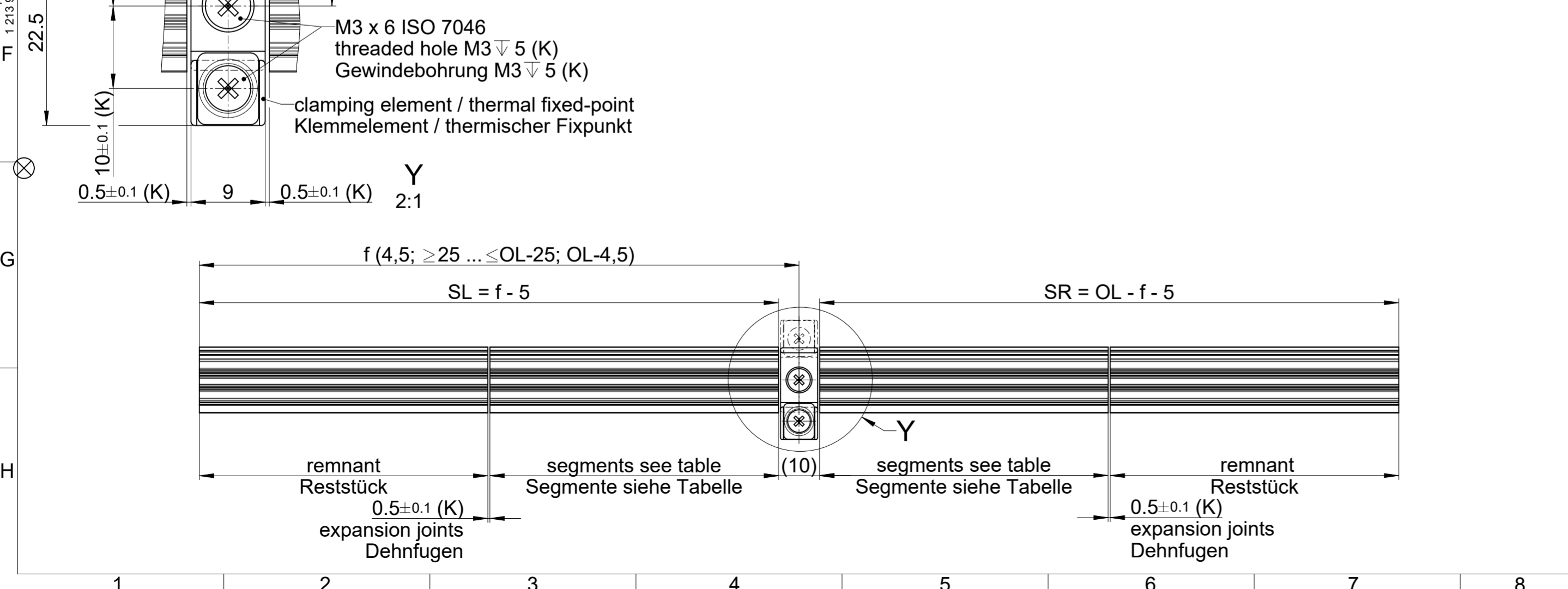


SL, SR = segment length / Segmentlänge
 ≥ 20 ... ≤ 1000 = 1x remnant / Reststück (≥ 20 ... ≤ 1000)
 >1000 ... ≤ 1500 = 1x 499,5 + 1x remnant / Reststück (>500 ... ≤ 1000)
 >1500 ... ≤ 2000 = 1x 999,5 + 1x remnant / Reststück (>500 ... ≤ 1000)
 >2000 ... ≤ 2500 = 1x 499,5 + 1x 999,5 + 1x remnant / Reststück (>500 ... ≤ 1000)
 >2500 ... ≤ 3000 = 2x 999,5 + 1x remnant / Reststück (>500 ... ≤ 1000)
 >3000 ... ≤ 3500 = 1x 499,5 + 2x 999,5 + 1x remnant / Reststück (>500 ... ≤ 1000)
 etc.
 M = machine guideway / Maschinenführung
 ML = measuring length / Messlänge
 OL = overall length / Gesamtlänge
 \leftrightarrow = 0 ... ML
 \rightarrow + = direction of motion of the scanning unit for ascending position values
 Bewegungsrichtung des Abtastkopfes für steigende Positionswerte
 ⊙ = beginning of the measuring length ML / Beginn der Messlänge ML
 RI = selectable reference mark(s) / wählbare Referenzmarke(n)
 k = any position of the selected reference mark starting from the beginning of the ML
 beliebige Position der ausgewählten Referenzmarke vom Beginn der ML
 j = additional reference marks selectable every 50mm
 zusätzliche Referenzmarken alle 50mm auswählbar
 f = OL/2 (Standard)
 any position of the clamping element (optional)
 beliebige Position des Klemmelements (optional)
 C = cable / Anschlusskabel
 (K) = required mating dimensions / kundenseitige Anschlussmaße
 L = LED function control / LED Funktionskontrolle
 R = bending radius / Biegeradius stat. R ≥ 8mm, dyn. R ≥ 20mm
 S1, S2 = switch signal / Schaltsignal
 n = 1,2,3,...(number of segments / Anzahl der Segmente)



Permissible position deviation scanning head - tape scale A B

Zulässige Lageabweichungen Abtastkopf - Maßband A B

Δz = ± 0.2mm (gap / Abstand)

Δy = ± 0.5mm (lateral / Verschiebung)

φz = ± 1.00mrad or / oder ± 0.06° (yaw angle / Gierwinkel)

φy = ± 3.50mrad or / oder ± 0.20° (pitch angle / Nickwinkel)

φx = ± 4.00mrad or / oder ± 0.23° (roll angle / Rollwinkel)

Original drawing		MS15 MP		ID number: -
Scale		MS15 MP		Change No. C157360-30
Format		Anschlussmaße / Mating Dimensions		Phase: Serie
Dimensions in mm		1:1 A2		Tolerances as per ISO 8015
				General Tolerances ISO 2768:1989-mH ≤ 6:±0.2
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