



hexagon nut applicable
Sechskantmutter einsetzbar
ISO4032 - M3

- M = machine guideway / Maschinenführung
- ML = measuring length / Messlänge
- OL = overall length / Gesamtlänge
- ↔ = 0...ML
- RI = reference mark(s) / Referenzmarke(n)
- k = any position of selected reference mark starting from the beginning of the ML
beliebige Position der aufgewählten Referenzmarke vom Beginn der ML
- j = additional reference marks spaced n x 100
zusätzliche Referenzmarken im Abstand von n x 100
- C = cable / Anschlusskabel
- K = required mating dimensions / kundenseitige Anschlussmaße
- L = LED function control / LED Funktionskontrolle
- R = bending radius / Biegeradius
stat. R ≥ 8mm, dyn. R ≥ 48mm
- n = 1,2,3,...

- Permissible position deviation scanning head - steel tape scale A B
Zulässige Lageabweichungen Abtastkopf - Stahlmaßband A B
- $\Delta_z = \pm 0.3$ (gap / Abstand)
 - $\Delta_y = \pm 0.5$ (lateral / Verschiebung)
 - $\varphi_z = \pm 8.00\text{mrad}$ or / oder $\pm 0.46^\circ$ (yaw angle / Gierwinkel)
 - $\varphi_y = \pm 8.00\text{mrad}$ or / oder $\pm 0.46^\circ$ (pitch angle / Nickwinkel)
 - $\varphi_x = \pm 12.00\text{mrad}$ or / oder $\pm 0.69^\circ$ (roll angle / Rollwinkel)

Original drawing		MS45 MK/MO		ID number:	
Scale		MS45 MK/MO		Change No.	C157360-14
Format		Anschlussmaße / Mating Dimensions		Phase:	Serie
Dimensions in mm	1:1	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 ≤ 6±0.2	
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