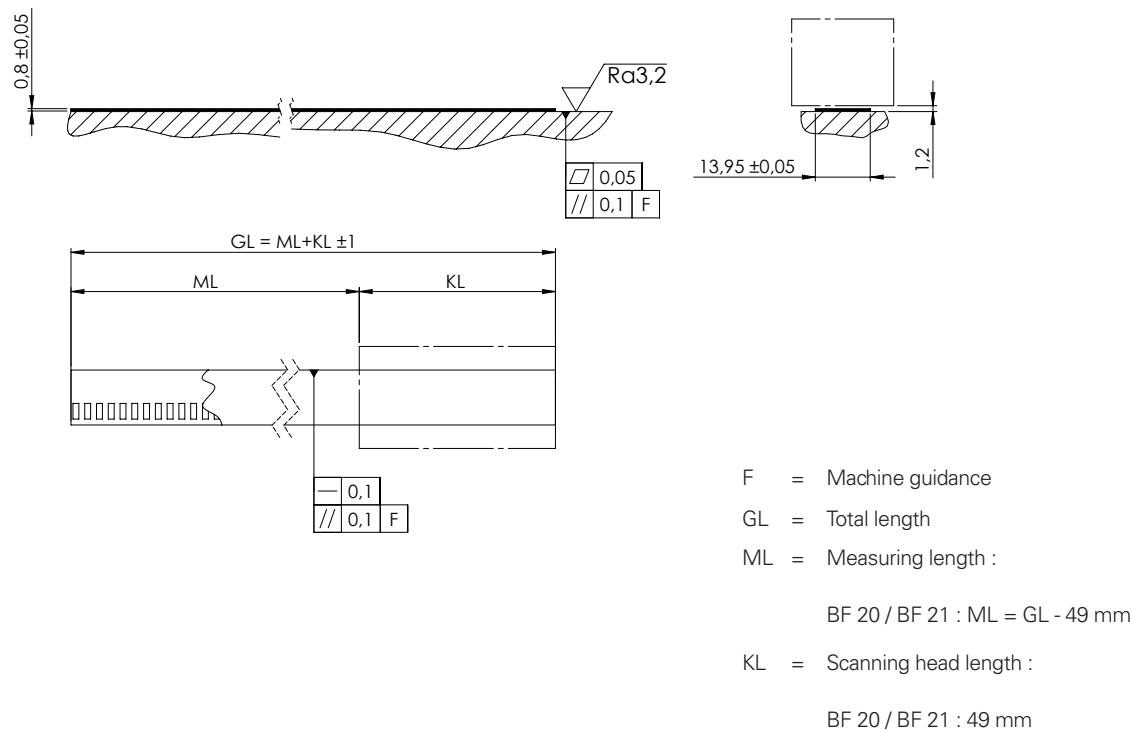


# Scale tape to stick LMB 1030

- Scale tape to stick, for modular linear encoders
- Grating period 3000µm
- In combination with scanning head LMK 2030



Tolerance principle in accordance with SO8015  
 General tolerances in accordance with ISO 2768-fH  
 All dimensions in mm

## Technical data

Incremental scale tape	LMB 1030	
Grating period	3000µm	
Accuracy class	± 50µm/m	± 50µm/m
Accuracy after linear compensation	± 10µm/m	± 20µm/m
Total length GL	Standard length see ordering code	
Mechanical design	Stainless steel scale tape with adhesive layer for mounting	
Reference marks	Single or distance coded reference marks – Customized reference mark positions on request.	
Coefficient of expansion	~ 11ppm/K	
Mass	70 g/m Total length	

# Ordering code

- LMB - Incremental scale tape to stick for modular linear encoders
- Grating period 3000µm

**LMB 1030B**       -             - MF-LB01-

**Accuracy <sup>1)</sup>**

10 = 10 µm/m  
20 = 20 µm/m

**Total length in mm**

50 - 200	each 10 mm
200 - 500	each 20 mm
500 - 1000	each 50 mm
1000 - 3000	each 100 mm
3000 - xxxx	each 200 mm

**Safety concept**

MF = Fault exclusion for the loosening of the mechanical connection possible

**Reference mark**

0RM	= Without reference mark
1RM-M	= 1 Reference mark - middle
B050	= Reference mark 50mm from both sides
L25	= Reference mark 25mm from left
L50	= Reference mark 50mm from left
R50	= Reference mark 50mm from right
K120	= Distance-coded reference marks, nominal increment 120 grating period
K240	= Distance-coded reference marks, nominal increment 240 grating period

**Type of graduation carrier**

LB01 = Scale tape to stick

<sup>1)</sup> After linear length-error compensation in the evaluation electronics