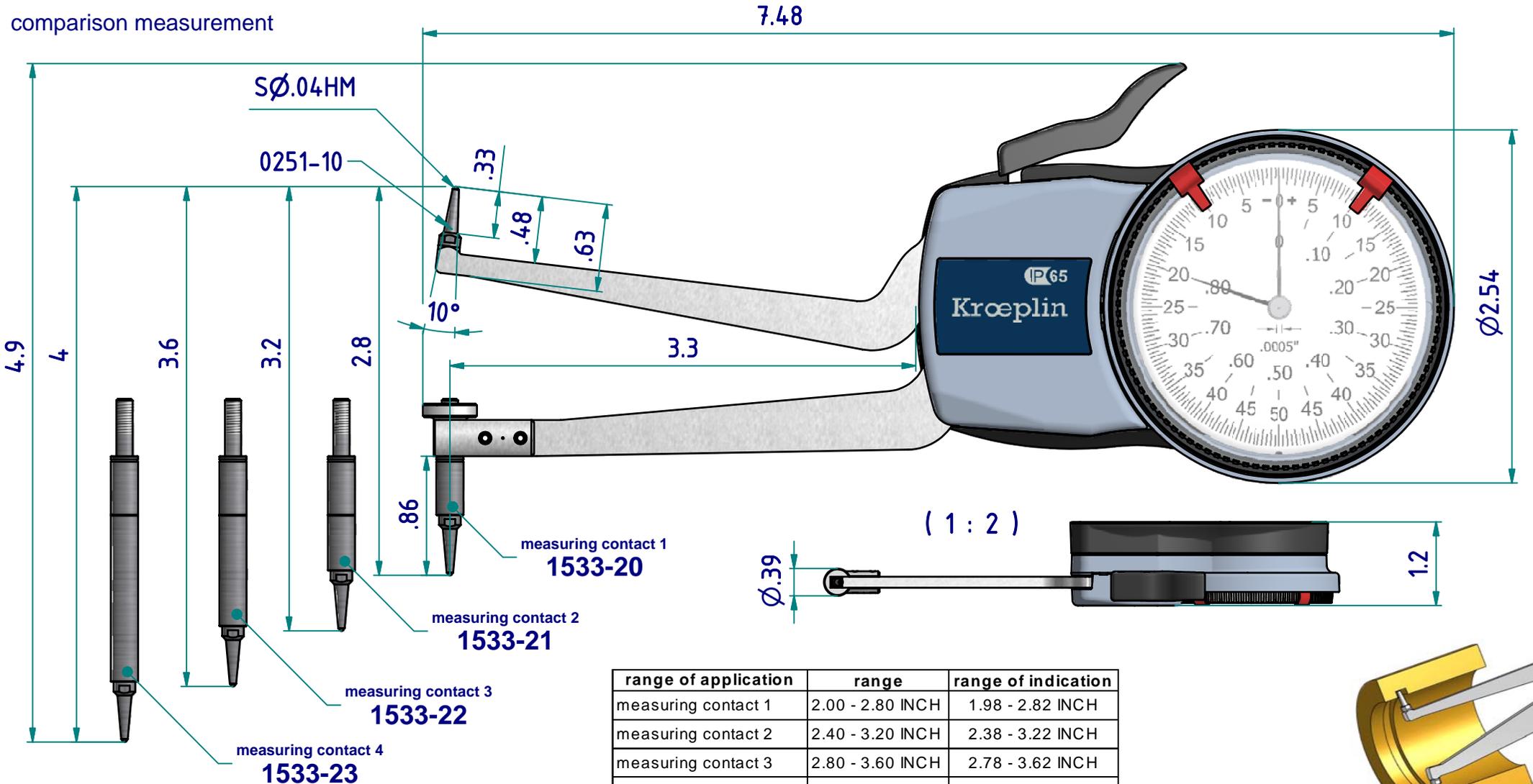


data sheet: H7M50

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Längenmesstechnik



subject to technical alterations

type: H
range: see table
range of indication: see table
digital step: -
scale interval: .0005 INCH
measuring force: 1,1 - 1,6 N
weight: 220 g

acceptable deviations
VDI/VDE/DGQ 2618 Bl. 12.1/13.1)
max. permissible
errors "G": .0015 INCH
repeatability "r": .001 INCH
reference temperature: 20° C
operation temperature: 10° C - 30° C
storage temperature: -10° C - 50° C

scale: 1:1
drawing-nr.: DAB-H7M50_KR_I
date of issue: 14.01.09
name: T.Koenig
revision status: 001
revision date: 17.02.2010

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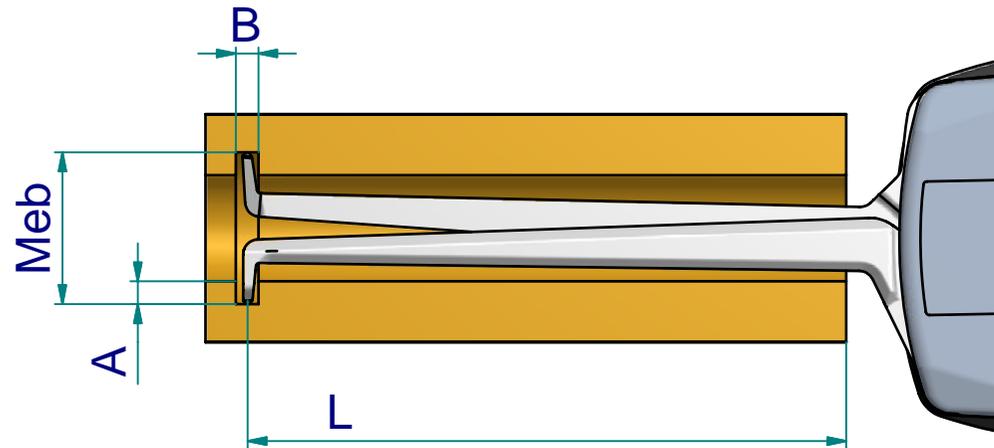
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| | | measuring ranges M_{eb} [INCH] | | | | | | | | | | |
|--------------------------|-------|----------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| measuring contact 1 : | 1.97 | 2.05 | 2.13 | 2.20 | 2.28 | 2.36 | 2.44 | 2.52 | 2.60 | 2.68 | 2.76 | |
| measuring contact 2 : | 2.36 | 2.44 | 2.52 | 2.60 | 2.68 | 2.76 | 2.83 | 2.91 | 2.99 | 3.07 | 3.15 | |
| measuring contact 3 : | 2.76 | 2.83 | 2.91 | 2.99 | 3.07 | 3.15 | 3.23 | 3.31 | 3.39 | 3.46 | 3.54 | |
| measuring contact 4 : | 3.15 | 3.23 | 3.31 | 3.39 | 3.46 | 3.54 | 3.62 | 3.70 | 3.78 | 3.86 | 3.94 | |
| groove depth A [INCH] | 0 | 0 / 3.21 | 0 / 3.24 | 0 / 3.26 | 0 / 3.3 | 0 / 3.37 | 0 / 3.41 | 0 / 3.43 | 0 / 3.44 | 0 / 3.44 | 0 / 3.46 | 0 / 3.48 |
| | .04 | | .06 / 3.22 | .06 / 3.25 | .06 / 3.28 | .06 / 3.32 | .06 / 3.39 | .06 / 3.42 | .06 / 3.43 | .06 / 3.44 | .06 / 3.44 | .06 / 3.45 |
| | .08 | | | .07 / 3.23 | .07 / 3.26 | .07 / 3.29 | .07 / 3.35 | .07 / 3.40 | .07 / 3.42 | .07 / 3.43 | .07 / 3.43 | .07 / 3.44 |
| | .12 | | | | .07 / 3.24 | .07 / 3.27 | .07 / 3.31 | .07 / 3.37 | .07 / 3.41 | .07 / 3.42 | .07 / 3.43 | .07 / 3.43 |
| | .16 | | | | | .08 / 3.25 | .08 / 3.28 | .08 / 3.33 | .08 / 3.39 | .08 / 3.41 | .08 / 3.41 | .08 / 3.42 |
| | .20 | | | | | | .09 / 3.26 | .09 / 3.29 | .09 / 3.35 | .09 / 3.39 | .09 / 3.41 | .09 / 3.41 |
| | .24 | | | | | | | .09 / 3.26 | .09 / 3.30 | .09 / 3.36 | .09 / 3.39 | .09 / 3.40 |
| | .28 | | | | | | | | .10 / 3.27 | .10 / 3.31 | .10 / 3.36 | .10 / 3.39 |
| | .31 | | | | | | | | | .11 / 3.28 | .11 / 3.31 | .11 / 3.38 |
| | | | | | | | | | | | | |
| | B / L | | | | | | | | | | | |

B = minimum groove width [INCH]
L = maximum usable arm length [INCH]

Example: $M_{eb} = 3.39$ $B = .07$
 $A = .08$ $L = 3.26$

measuring capacity



subject to technical alterations

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revision status:
revision date: