

Measuring Equipment

Data sheet 80.09
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Measuring Gauges

The gauges are used to measure the control dimension X, i.e. the residual bottom thickness of the TOX®-Joints or the ClinchRivet®.

When properly handled, the accuracy of these gauges is considered sufficient to manually determine the residual bottom thickness of clinch points. Regular calibration of the gauges is recommended.

Analogue Display



CMT 035 A

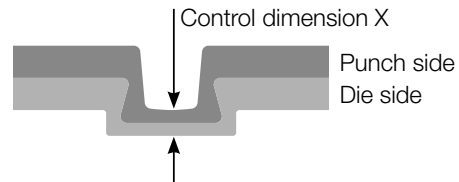


CMT 085 A



CMT 167 A

Three analogue and digital gauges are available. Special versions e.g. with longer jaws can be supplied.



Digital Display



CMT 036 D



CMT 116 D



CMT 167 D

| Type | Analogue Display | | | Digital Display | | |
|--------------------------------|------------------|-----------|-----------|-----------------|-----------|-----------|
| | CMT 035 A | CMT 085 A | CMT 167 A | CMT 036 D | CMT 116 D | CMT 167 D |
| Measuring range | 0 – 10 | 0 – 20 | 0 – 50 | 0 – 10 | 0 – 30 | 0 – 50 |
| Scale graduation / Graduations | 0.1 | 0.01 | 0.05 | 0.005 | 0.02 | 0.02 |
| Usable jaw length | 35 | 85 | 167 | 36 | 116 | 167 |
| Measuring contact diameter | 0.75 | 2.50 | 2.50 | 0.75 | 2.50 | 2.50 |

Dimensions in mm

Measuring device CMT 001.000.00



The measuring device CMT 001 enables highest precision when measuring the residual bottom thickness with at the same time easiest handling. The measuring accuracy is ± 0.01 mm. The high measuring accuracy is the result of the closed design of the measuring device and integral dial gauge. This avoids an interference with the measurement result due to manual handling of the gauge.