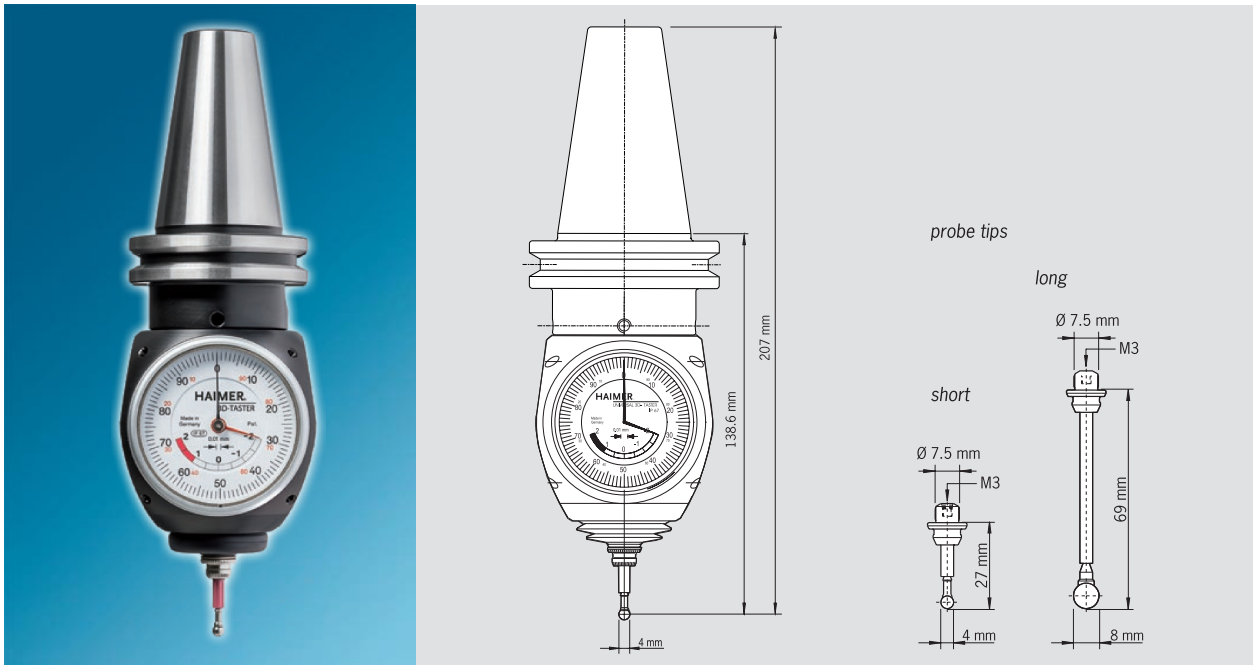


UNIVERSAL 3D-SENSOR WITH INTEGRATED ADAPTER



Universal 3D-Sensor with integrated adapter

The integrated taper (ASME B5.50, CAT40, DIN 69871, SK40 or JIS B6339, BT40) guarantees the easiest handling and maximum comfort.

The Universal 3D-Sensor is a very precise and versatile measuring instrument for milling and EDM machines (insulated probe). The 3D-Sensor is clamped into a tool holder and inserted into a milling spindle. Once clamped into the machine spindle, the run-out (T.I.R) is fully adjustable to zero. Then, you are able to find exact positioning of the spindle axis on the edges of the workpiece. This allows for zeros to be set and the length to be measured quickly and easily. You may approach from any direction (X-, Y-, Z- axis – hence the name “3D-Sensor”). When the dial gauge shows zero, the spindle axis is exactly on the workpiece edge.

Only the HAIMER 3D-Sensor allows for the edge to be found on the first try.

No calculating of the probe's ball diameter is necessary – just zero it out! Problems with mathematics or calculations are eliminated, allowing for fewer operator errors.

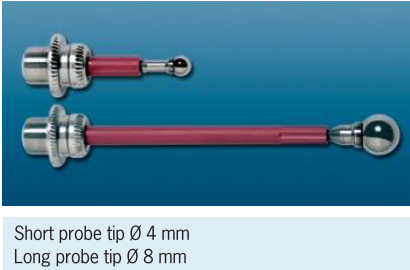
Our 3D-Sensor is quick and easy, reducing the extra time needed with most edge-finders, increasing the productivity and accuracy of the operator.

Short and long probes are available. The sensor probes can be changed without ever needing a tool. No re-calibration of the unit is needed.

For safety, the unit has a large overrun distance as well as fully tested preset probe breaking points, giving the sensor a longer life. Universal 3D-Sensors are individually tested and adjusted when being assembled in order to achieve maximum measuring precision.

– IP 67 waterproof

Technical details	
Universal 3D-Sensor with integrated adapter including short probe tip Ø 4 mm	
Accuracy	0.01 mm
Length without clamping shank	113 mm
Article	Order No.
With integrated adapter CAT 40	80.367.40.FHN
With integrated adapter SK 30	80.364.30.FHN
With integrated adapter SK 40	80.364.40.FHN
With integrated adapter BT 30	80.365.30.FHN
With integrated adapter BT 40	80.365.40.FHN
Accessories	
Short probe tip Ø 4 mm	
Order No. 80.362.00	
Long probe tip Ø 8 mm	
Order No. 80.363.00	



Short probe tip Ø 4 mm
Long probe tip Ø 8 mm

Technical data subject to change without prior notice