

Adapter for measuring inserts

Title	Adapter for measuring inserts
Basic technology outline	<p>Adapter is designed for direct mounting of different types of inserts for the purpose of measuring in the optical devices</p> <p>Allows fast, accurate and repeatable positioning of the inserts</p> <p>The shape and construction of the adapter allows parallel measurement of right and left cutting edge from perpendicular view</p> <p>Adapter is attachable into a standard chuck of cutting tools with shank</p>
Technology deployment	<p>Fast and flexible measuring of selected types of wear</p> <p>Useful in development of inserts and in optimizing metal cutting processes in manufacturing</p> <p>Allows fast and flexible measurement of selected types of cutting edge wear</p> <p>Designed primarily for use in optical measuring devices focused on measuring cutting tools with shank</p>
Advantages over currently used solutions	<p>Reduced measuring time combined with the use of excellent software</p> <p>Reduction of the time required for the measurement of the insert</p> <p>Allows the use of software tools to analyze the cutting edges of cutting tools</p> <p>Extends the applicability of optical measurement devices used for measuring tools with shank also to the inserts</p>
Current status of technology	<p>patented technology, prototype available</p> <p>(Slovak) patent pending No. 11-2017</p> <p>successfully tested prototype</p>
More information	alena.kojdiakova@cvtisr.sk

Notice

*Project co-funded by European Union funds (ERDF
and IPA)*