Adapter for measuring inserts

Title	Adapter for measuring inserts
Basic technology outline	Adapter is designed for direct mounting of different types of inserts for the purpose of measuring in the optical devices Allows fast, accurate and repeatable positioning of the inserts The shape and construction of the adapter allows parallel measurement of right and left cutting edge from perpendicular view Adapter is attachable into a standard chuck of cutting tools with shank
Technology deployment	Fast and flexible measuring of selected types of wear Useful in development of inserts and in optimizing metal cutting processes in manufacturing Allows fast and flefible measurement of selected types of cutting edge wear Designed primarily for use in optical measuring devices focused on measuring cutting tools with shank
Advantages over curently used solutions	Reduced measuring time combined with the use of excellent software Reduction of the time required for the measurement of the insert Allows the use of software tools to analyze the cutting edges of cutting tools Extends the applicability of optical measurement devices used for measuring tools with shank also to the inserts

Current status of technology	patented technology, prototype available (Slovak) patent pending No. 11-2017 successfully tested prototype
More information	Jaroslav Noskovič, PhD. +421 2 69 253 109 jaroslav.noskovic@cvti.sk