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Changing work pieces at the push of a button

A new holding system (patent pending) allows changing work pieces by just pressing a button. (see fig. 1)

Torque will be transmitted by a hexagonal bolt.

To load the work piece holder with the work pieces it will be simply pushed into the driven holder. There it engages automatically.

To remove it, you simply press a button.

This interface is designed in a way, that during processing no media can enter the holding mechanism.

These work piece holders can be used for wet- as well as for dry-processing.



Fig. 2: Work piece holders with several lengths



Fig. 1: Changing work pieces by pressing a button

The work piece holders are available in three different lengths (50 mm, 100 mm and 150 mm, see fig. 2) so that e.g. short work pieces, like end mills, also can be immersed deeply into the polishing or grinding media. This allows uniform processing and shortest process times.

For further questions to this Technology News please contact Mr Helmut Gegenheimer – Tel.: +49(0)7082 491120

Preview: Visit us at the AMB in Stuttgart from 28. 9. - 2.10.2010, Hall 6, Booth 6D40