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Let Us Be Your Complete Solution for Workpiece and Tool Clamping

MyTec Hydraclamp expansion elements are the optimal connecting link between workpiece and machine. Using special hydraulic expansion elements, a clamping system has been developed that far surpasses all traditional clamping in precision, clamping force and in transferred torque. State-of-the-art technology, precise construction and special materials are the basis for extraordinary performance for lathing, hobbing, grinding, testing and measuring.

MyTec Hydra expansion elements feature unusually high clamping forces achieved through high internal pressures. Extremely high torque values are possible due to the absolute friction grip and centered tension. The torque rating can be up to three times greater with special hard coating at the clamping sleeve. Hydra expansion elements from Mytec-Hydraclamp can be expanded without a workpiece because the expansion elements are permanently adjusted within the maximum expansion of 0.3%. Over-expansion is not possible due to an integrated stroke limiter.

A closed expansion system, which is absolutely impervious to dirt and chips, combined with high wear resistance, guarantees a long service life. If space permits, Hydra expansion elements from

Mytec-Hydraclamp are generally equipped with an adjustment piston. This makes it possible to set expansion for fine clamping, particularly in the case of thin-walled workpieces, and deformation is avoided. Tools have a hardness of 56 HRC with a center hardness of 64 HRC. An optional highly wear-resistant coating may be applied which will result in a surface hardness of 80 HRC. Mytec Hydraclamp guarantees a minimum of 50,000 expansion cycles for its expansion tools and 12 months of function.

Menomonee Falls, Wisconsin . . . Euro-Tech Corporation is the exclusive North American distributor of MyTec Hydraclamp products and will spotlight MyTec products at IMTS 2014 being held at the McCormick Place North September 8-13. Euro-Tech Corporation is in **W-2453** which is located in the Tooling & Workholding Systems Pavilion in the West Building

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Since 1993, Euro-Tech Corporation has represented unique European-made gages, tooling products such as arbors, chucks, drills, taps, measurement systems and accessories. Euro-Tech also offers the state-of-the-art PG 1000 Cutting Tool Inspection System and the Pinhead Flexible Fixturing Systems for CMMs. Both are manufactured in the U.S.

Euro-Tech offers custom and standard engineered products designed to increase production for manufacturers in the automotive, aerospace, small engine, medical and wind power industries. The company is headquartered in Menomonee Falls, Wisconsin where a highly skilled team is committed to the continuous development of state-of-the-art solutions.

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