

Heinz Fiege – Dressing Technology

Dressing Spindles DS Series 190



Our series 190 dressing spindles are efficient motor spindle systems that are designed specifically for dressing with rotating tools.

The materials selected by us guarantee a high degree of precision and reliability even under extreme usage conditions. A modular system makes it

possible to assemble spindles with the required configuration. Six basic types with a diameter range of 58 – 120 mm and a performance range of 0.5 – 6 KW are available for selection. Each of these spindles can be equipped with an rotary encoder and acoustic emission sensors.

The tool holder is a cylindrical, ground diameter. The concentricity and axial run-out are $< 0,002$ mm. The cooling is either air or liquid depending on application.

Dressing Devices AGE/AGH Series 160/170



Dressing devices in the 160/170 series are designed for dressing with a diamond roll on grinding machines. Three basic types with a holding width of 50/100/150 mm are available. Optimized dampening properties are achieved by manufacturing the body from an aged GG25 machine casting.

The drive is either electric or hydraulic depending on application. A matching, suitable series 180 dressing spindle is obtainable to match each diamond roll.

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Dressing Spindles ASF Series 180

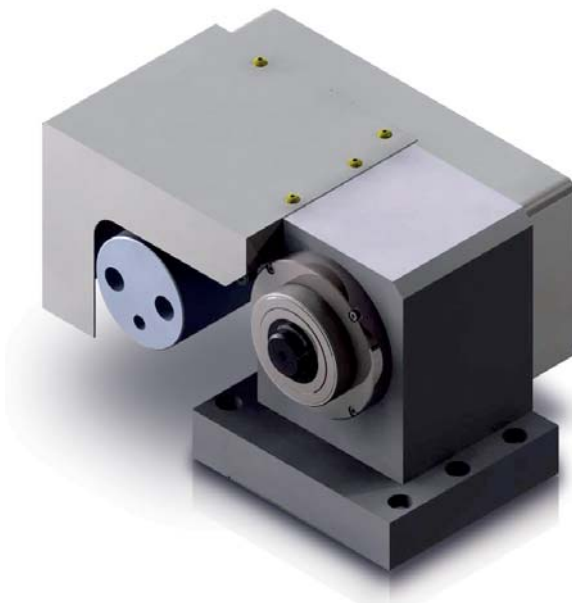


Dressing spindles in the 180 series are high precision, mechanical spindles requiring a separate drive. They have been specially developed for use in our dressing devices AGE/AGH and are optimally matched to one another in terms

of their functions. Holding diameters of 50/52/56/63 mm and holding lengths of 50/100/150 mm are available. The diameter tolerance is h1 and the concentricity and axial run-out at the holding diameter is $< 0,002$ mm.

All dressing spindles are fully tested and accompanied with a quality report and specification sheet.

Dressing Devices EAGH Series 150



Series 150 dressing devices are intended for all applications that require a higher torque during dressing and have limited mounting space. To achieve optimized dampening properties only aged GG25 machine castings are used to manufacture the body.

Clamping of the dressing tool is by a manual HSK-C 63 quick change system. The device has a hydraulic drive. The concentricity and axial run-out at the tool holder are $< 0,002$ mm.

To get our new catalogue "Dressing Technology" please fax to: +49-9372-9 48 39-190

Company _____

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Spindle Technology

Precision Tools