
ANALYSING POSSIBLE USES OF SPINDLE UNITS WITH HYDROSTATIC BEARINGS

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Abstract

We consider the issue of using spindle units with hydrostatic bearings. We compare machining accuracy parameters and high revolution per minute numbers when using spindle units with various bearing types. We draw a conclusion regarding possible uses of spindle units with hydrostatic bearings

Keywords

Spindle unit with hydrostatic bearings, high precision machine tool, plain bearing indicators, spindle bearing rigidity

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