

tool-kit PROFESSIONAL by MTS - Product of the VOLLMER Group

Software-Modul

Spezifikation "Endmills/FMENU" Stand: 15.01.25



MTS – Product of the VOLLMER Group Innovationszentrum Freiburg (FRIZ) Georges-Köhler-Allee 302 79110 Freiburg im Breisgau Tel.: +49 7351 571 8141 / +49 160 5426017 info@mtsag.net www.mtsag.net



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1.1 End Mills **FMENU** 1.1 Basic Modul End Mills Workpiece: **Production / Regrinding:** • • Production by different infeed (several Cylinder steps) Taper Angular Cutter Regrinding with calculation of removal Point: length, periphery and rake. Plan Face Regrinding, finishing with different Chamfer wheels Main Fluting **Corner Radius** Meas. definition: Point-/ normal cut **Ball Nose** Grind direction: Forward / backward Circular Arc **Double Radius** Optional spark out grinding Geometry: Taper: Regulare Constant angle / constant helix Regrinding with undefined helix 2 at Center 1 above Center Notching Centring Point Radius at entry and exit 3 at Center Variable entry- and aperture angle 4 at Center **Profile Simulation Cutting Edge Combination:** Simulation of intersection at all right helix/right cutting operations left helix/left cutting Wheel/workpiece-simulation right helix/left cutting Machining simulation left helix/right cutting Shank **Division:** Reducing the shank diameter Equal / unequal division of teeth Clamping area Periphery Linear relief: 1st/ 2nd /3rd relief angle Radial relief: Cross-/ longitudinal Roughing Grind direction: Forward / backward Optional spark out grinding







1.3 End Mill Variably Helix

FMENU





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