

槽类加工刀具

Groove Machining Cutting Tool

1 浅槽（成型槽）加工专用数控刀具 Profile CNC cutting tool

产品简介：本公司开发的硬质合金可转位切槽系列刀具适应各种槽型的成型加工，具有精度等级高、加工效率高、交货时间短等特点和优势。本公司开发的切槽刀按加工空间分为内孔槽刀、外圆槽刀、端面槽刀三类；按槽型结构分为平头槽刀和仿形槽刀两类；按刀片定位方式分为平装、立装两类。加工槽宽为 0.5~3.5mm、深度为 0.5~4mm，尤其针对内孔槽加工，本公司推出的槽刀可以加工最小孔径为 8mm。同时可以根据客户需求设计开发各种异形槽加工成型刀具。

Product Introduction: Carbide indexable groove cutting tools developed by CTRI can be adapted to varieties of groove profile processing and demonstrate high accuracy, better efficiency and short lead time etc. According to different parts to be processed, we divide the grooving tools as inner hole groove inserts, cylindrical groove inserts, and face groove inserts. Based on the groove structure, we divide inserts into flat groove insert and profile grooving insert; also, products can be divided into on-edge and horizontal design in terms of inserts positioning. The groove width can be 0.5~3.5mm and depth is 0.5~4mm, and CTRI groove inserts can be used to machine inner hole as small as 8mm. non-standard cutting tools based on customer's special requests are available.

2 汽车皮带轮楔槽加工专用数控刀具 Pulley Groove Cutting Tools for automobiles application

产品简介：本公司开发的单齿、双齿及多齿（三、四、五齿）结构汽车皮带轮楔槽加工专用数控刀具，使皮带轮加工实现了多楔槽、台阶、倒角一次精密成型加工。该类刀具的开发应用大大提高了皮带轮成品的尺寸精度和表面质量，减少换刀次数和用刀种类，大大缩短单件产品加工时间，让用户在皮带轮加工中极大的提高了生产效率和产品质量，降低了制造成本。

Product Introduction: Pulley groove inserts developed by CTRI including single cutting edge, double cutting edges and multiple cutting edges (three, four and five edges) are specially designed for carbide automobile belt pulley cutting and make one time cutting possible for precise machining of groove, bore, and radius. This application greatly improves accuracy and surface quality of the pulley. It reduces times of changing inserts, shortens machining time per component, improves efficiency and product quality, and thus reduces production cost.