Cartridge for Slotting Cutter

Company: Iscar

Application Sector: Cutting Tools

Requirements: This component made from 4340 steel is part of the clamping device - changed pocket - for full slot adjustable slotting metal cutters. These slot milling cutters use cutting inserts with four cutting edges. They are suitable for high table feeds resulting in increased productivity.

Benefits: By using MIM technology coupled to heat treatment this has enabled in comparison with machining a parts cost reduction of more than 50% with similar physical properties.

Final weight: 40g
Product tensile strength: 1780MPa
Product hardness: 45-48 HRC
Product elongation: 3%
Process steps: MIM, Heat Treatment