ISCAR’s Solutions for Machine Tool Builders

- Swiss Type Machines
- Machines with High Coolant Pressure
- Multi-Spindle Turning Machines
- Multi-Tasking Machines
- Multi-Spindle Machine Centers
- Transfer Line Machines
- Vertical Multi-Tasking Machines
- Machines for High Speed Machining
- Machines with MQL Coolant
Swiss Type Machine
Front and Back Turning, Grooving, Groove-Turn, Parting and Threading

MIXCUT
MINI FACE LINE
Face and Internal Grooving, Undercutting and Threading

PICCO CUT
Internal Boring and Profiling

Dmin.=4.5 mm

Coolant Channel
PICCO RM
Coolant Channel
PICCO R/LX050

Coolant Channel
PICCO MF
Coolant Channel
PICCO 010

Coolant Channel
PICCO 520
Coolant Channel
PICCO 060
High Coolant Pressure Machines

Solutions for machining titanium, heat-resistant alloys and alloyed steel, featuring effective chip control.

UHP - Tools for Ultra High Pressure 120-400 bar (1.800-5.800 PSI)
Engineered for High Pressure Performance

Turning
Front and Back Turning and Threading

Grooving and Parting
Grooving, Groove-Turn and Parting

Wide Range of Adapters for Grooving, Groove-turn, Face-Grooving and Parting
Multi-Spindle Turning Machines
Tool Holder Systems for Multi-Spindle Machine Tools
Featuring ISCAR’s MODULAR-GRIP adapters, internal coolant channels and adjustment capabilities for parting, grooving and turning applications.
Multi-Tasking Machines

A wide range of quick change high precision tools and holders for multi-tasking machines.
Multi-Spindle Machine Center

A wide range of solutions to ensure overlength precision for multi-spindle machines.
Combined Adjustment

Adjustable Wedge

Adjustable Cartridges

Adjustable Holder

Adjustment by Spacer

Adjustable Cartridge

Machine Tools
Transfer Line Machines

“Tool Box” solution for all machining applications.
Vertical Multi-Tasking Machines

A comprehensive range of tools for all machining operations, including turning, grooving, parting, threading, milling, drilling and reaming.
HSM Solutions

**SPINJET**
- Converts existing CNC machines into high speed machining solutions
- The coolant-driven SPINJET reaches rotation speeds of up to 60,000 rpm
- Driven by the machine’s own coolant supply
- Wide range of spindle interfaces

Solution for Swiss Type

High pressure coolant performance up to 70 bar
Machines with MQL Coolant

Minimum Quantity Lubrication

- No coolant return or preparation efforts
- Easy mist extraction and filtering
- Improved and unpolluted working environments
- No liquids dripping from the machined parts
- Eliminates health and safety problems
- Chips are dry and do not stick to walls; chip conveyor stays clean
- Easy recycling of chips

Special MQL Tools for Steering Knuckle – HSK A 100