

Versatile lineup. Superior productivity.

BIG DAISHOWA has you covered for any tooling challenge with products engineered to exacting standards and manufactured for superior performance

TOOL HOLDERS

A variety of shanks designed for high performance

Tooling Systems

- BIG-PLUS
- HSK
- BIG-CAPTO
- CK/CKB/CKN

Milling Chucks

- ϕ .125-1.500 (3-50mm)
 - MEGA DOUBLE POWER
 - NEW Hi-POWER MILLING
 - Hydraulic
 - FULLCUT MILL

Collet Chucks

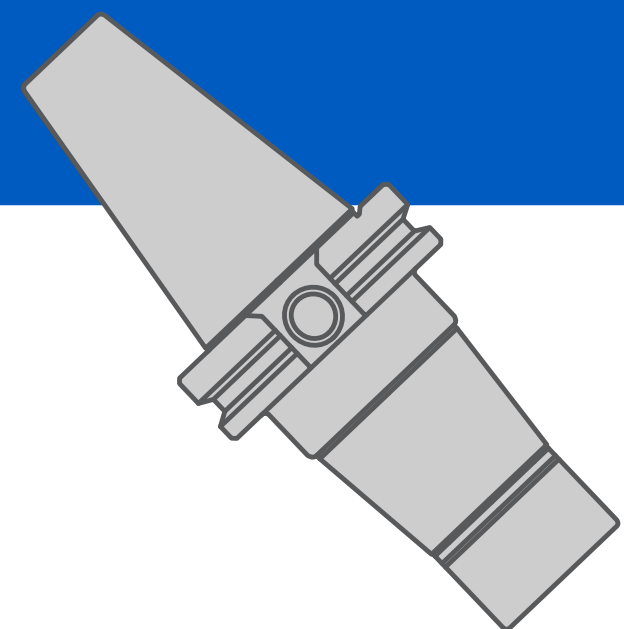
- ϕ .010-1.000 (.25-25.4mm)
 - MEGA Micro
 - MEGA New Baby
 - MEGA ER Grip
 - MEGA E

Hydraulic Chucks

- ϕ .125-1.250 (3-32mm)
 - Super Slim Type
 - Jet Through Type

Spindle Attachments

- ϕ .010-2.000
 - Angle Heads
 - Spindle Speeders
 - Coolant Inducers



BORING TOOLS

Provides flexibility to assemble the perfect setup for almost any application

BIG KAISER Rough Boring System

- ϕ .630-8.000
 - SW 319 Twin Cutter
 - MW 'Mini' Twin Cutter

BIG KAISER Digital Boring

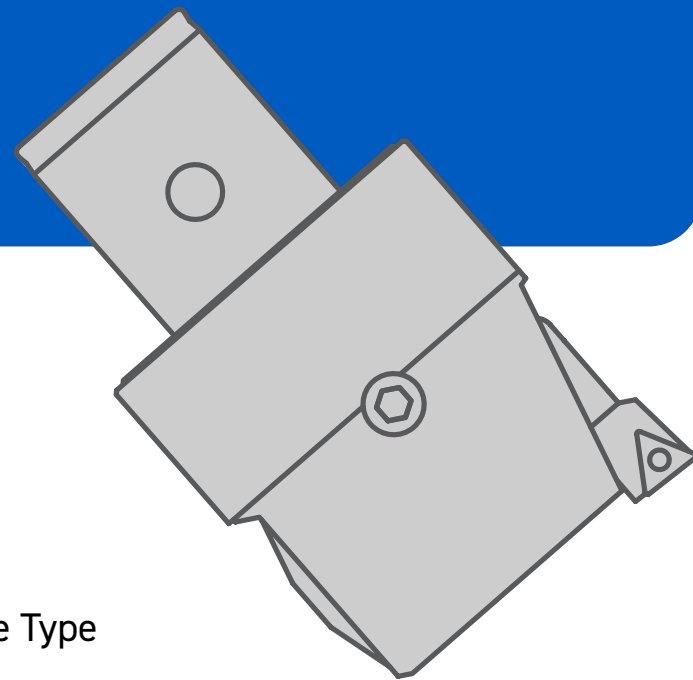
- ϕ .079-8.000
 - EWE, Series 112
 - EWE, Series 310

BIG KAISER Fine Boring System

- ϕ .079-8.000
 - EWN, Series 112
 - EWN, Series 310
 - EWB, Series 310 – Auto-Balance Type

BIG KAISER Large Diameter Boring System

- ϕ 7.87-118.11
 - Series 318



TURNING TOOLS

Stationary tooling and set-up accessories for multi-axis turn mills, small Swiss-type lathes and horizontal lathes with turrets featuring high accuracy and repeatability

CNC Lathe Tooling

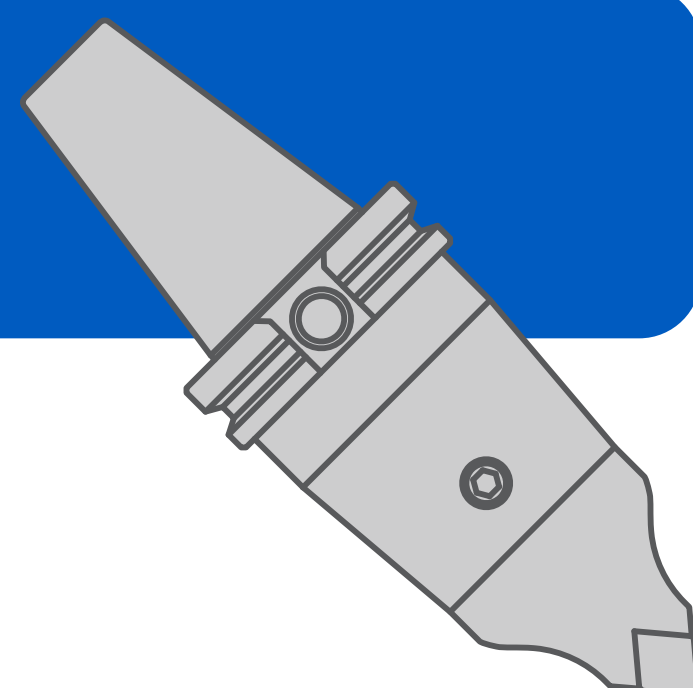
- Turning
- Boring
- Tapping
- Drilling

Swiss Automatic Lathe Tooling

- ϕ .018-.472 (.45-11.98mm)
 - Types: F and R

Multi-Axis Turning Tools

- Tilt styles: 45° and 90°
 - Boring bar holders
 - Square tool holders
 - N/C lathe tools



CUTTING TOOLS

The superior choice for increasing production capacity and quality—especially in extreme conditions

Indexable Cutting Tools

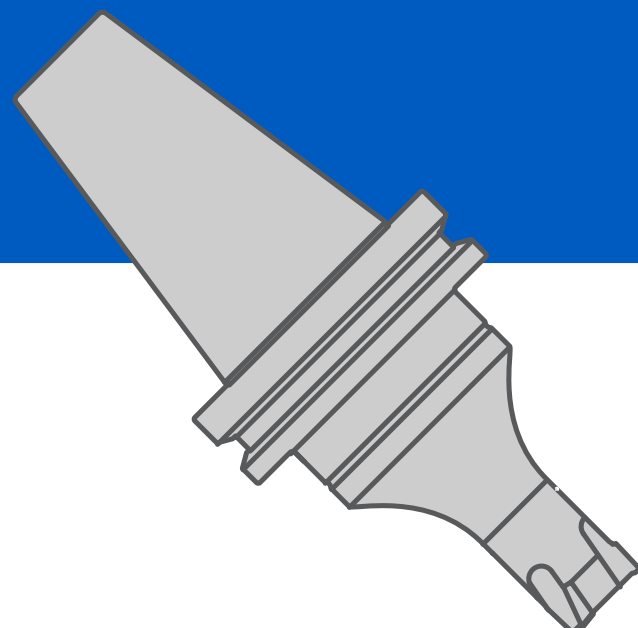
- Premium indexable insert drills and milling cutters with high-performance insert grades and coatings

High Speed Steel (HSS)

- Premium high-speed steel containing roughly 5% cobalt for high value and strength to withstand high-cutting forces

Solid Carbide Cutting Tools

- A comprehensive program capable of maximizing rigidity, performance and tool life



PRECISION SHOP MEASURING & MANAGEMENT

For faster, more accurate and more efficient workflow

Tool Presetters

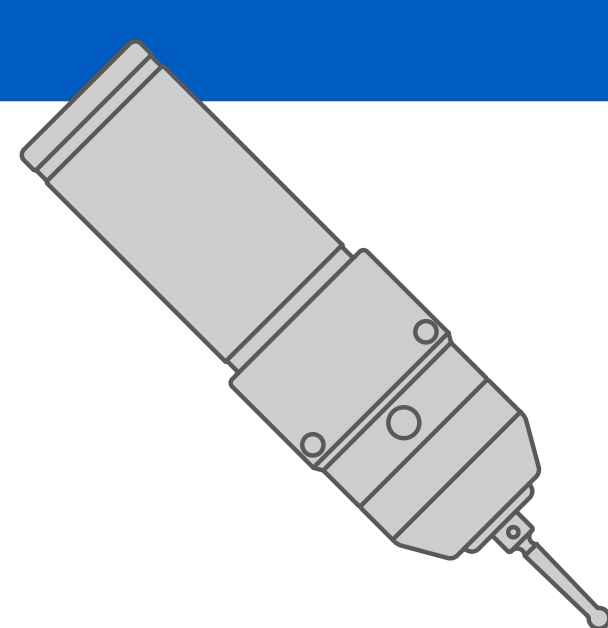
- Measuring height range: 15.75-48.00
 - Benchtop
 - Shrink fit
 - CNC

Tool Management

- Simple and secure tool data transfer

Measuring Devices

- Tool offsets
- Dynamic runout sensors
- Edge and point finders
- Dial indicator stands
- Dial gage adapters
- Machine spindle measurement
- Leveling instrument



ZERO-POINT WORKHOLDING

Designed to provide fast and accurate fixture changes for all types of machining centers

- 0.0002" / .005mm location repeatability
- Heavy-duty spring loaded clamping
- Optional air-assisted clamping
- Manual options available
- Sold individually or as a preassembled base
- Other systems include
 - 5-Axis Modular Stacking
 - Chain Clamping
 - Stabilizer

