



STANDARD AND APPLICATION TOOLS

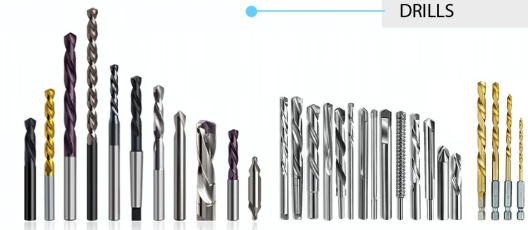
TAPS



ENDMILLS



DRILLS



REAMERS



E Effective utilization tips for cutting tools



CARBIDE END MILLS



End Mills & Ball Nose
Taper End Mills & Ball Nose
End Mill and Ball Nose for high hard steel up to 65 HRC
Diamond Coated End Mill & Ball Nose for graphite
End Mill and Ball Nose for machining Aluminium
End Mill and Ball Nose for machining Titanium and Inconel

SHRINK-FIT TOOLING

2 Piece Modular Shrink-Fit Holders-Very Economical (Accuracy 5 micron at 4D)
Mono Type Shrink-Fit Holders (Accuracy 3 micron at 4D)
Slimline Curve Shrink-Fit Holders for 5-axis machining (Very Rigid for Deep Machining)
Straight Arbor Type Shrink-Fit Shanks



MICRO BORING HEAD

Light Weight and Compact Design
For High Precision Boring Application
Product of very high customer satisfaction.
Wide boring range Dia.6~205mm
2 micron increment



ANGLE HEAD

Low cost angle head solution
Light weight for lighter duty tool changers
Unique design for Drilling and Tapping machine (BT30, BT40, CAT40, CAT50, and HSK A63)
Cutting angle anywhere from 0 to 360 degrees
ANSI, DIN and ISO tap sleeve available upon request



BORING SYSTEM

Versatile modular type boring system
Rigidity is increased by the new coupling method and the serrated head
Fine Cut Boring Bars for finishing are available in Angular and Vertical type
Fine Cut Boring Bars are adjustable in 2 micron increments for precision boring application
Extensions are used for deep holes



S Selection of cutting tools

S Serve as much better

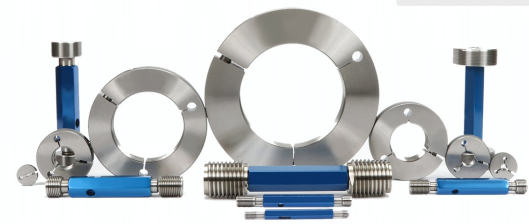
E Executive engineering solutions

GAUGES

THREAD PLUG & RING GAUGES



PLAIN & PLUG RING GAUGES



SNAPGAUGES



AIR PLUG GAUGES



AIR PLUG & RING GAUGES



M Maintain a good relationship with customers