



PIONEER Premium End Mill adapters

BEST T.I.R. = BEST TOOL LIFE



BT30, BT40, BT50



CAT40, CAT50



HSK 63A



Long Lengths (15" in Stock)

Get Premium Performance from your cutting tools with PIONEER!

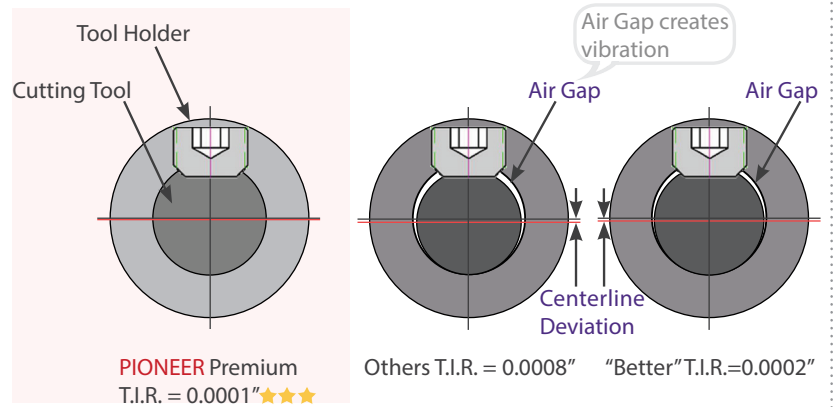
T.I.R. = Total Indicator Reading

PIONEER Premium End Mill adapter



- H5 Standard Bore Tolerance
- 1/2 the T.I.R. of Competitive "Better" End Mill Holders
- Coolant Thru the Center & DIN AD+B Flange Coolant Standard
- Dynamically balanced
- Shiny hard turn finish for better balance and repeatability
- Better than AT3 Taper Tolerance
- 100% Inspected and Guaranteed!
- More Sizes and Projections in stock!
- BT30, BT40, BT50 CAT40, CAT50,
- HSK63A Long Lengths (15" in Stock)

Best in the Industry!



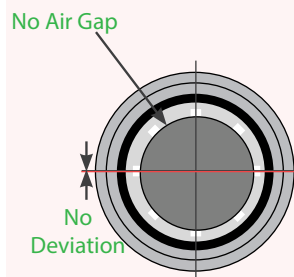
You lose 10% of cutter life for every 0.0001" of T.I.R.

PIONEER Ultimate Mill Chuck



- 0.0002" or Better TIR @ 4" (8" from Spindle Face)!
- 3/4, 1" & 1-1/4" Native Bore Sizes, Collets down to 1/8"
- Dynamically balanced
- Shiny hard turn finish for better balance and repeatability
- Better than AT3 Taper Tolerance
- 100% Inspected and Guaranteed!
- Ultimate in Vibration Dampening!

Even Better!



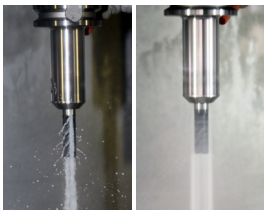
PIONEER Ultimate Mill Chuck
0.0002" @ 4" Out or better!
★★★★★

Runout at the end of the 1-1/4" tool 4" from the chuck face is within 0.0002" TIR, that is 8" from the spindle



Jet-Blast option available

Coolant Ports to Channel Coolant or Air Around Solid Shank Cutters. Modify any of our End Mill and Sealed Collets with Jet-Blast!



- Any End Mill, Shrink or Shell Mill Holder up to 10" projection
- 1-3 day alteration time for items not in inventory, many same day. Expedited Service Available.



PIONEER N.A., INC. Premium Tool & Work Holding

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