

- HEAVY DUTY MACHINING
- HIGH RIGIDITY
- HIGH PRECISION
- 3 μ m



PNER & PTER COLLET CHUCK SYSTEM

FEATURES

- ▶ Standard balanced at G2.5 25,000rpm with inspection report.
- ▶ PNER collet is well covered in PNER tool holder, improving overall runout accuracy and the machining stability.
- ▶ PNER improves the surface finish of workpiece, reduces the total processing time, extends the tool use life and prolongs the durability of machine spindle precision. Therefore, PNER system reduces the total production cost and improves the efficiency.

▶ PTER:



MINI TYPE



- ▶ PNER nuts without slots reduce the wind shear at high speed, avoiding tools from vibrating due to the audio frequency arisen by wind shear.



- ▶ There's a design of straight parts above and below the thread, which correspond to the nut, on the front of PNER tool holder. After the nut is locked with the tool holder it makes the tolerance more accurate which improves the runout of tool holder and machining stability.



- ▶ Use PNER coolant nut and SR sealed ring for coolant through cutters.

- ▶ Runout accuracy at 4D: within 0.003mm.



- ▶ Roundness < 0.6 μ m
- ▶ Surface roughness Ra < 0.2 μ m

- ▶ The tolerance requirement of tool shank diameter: h6