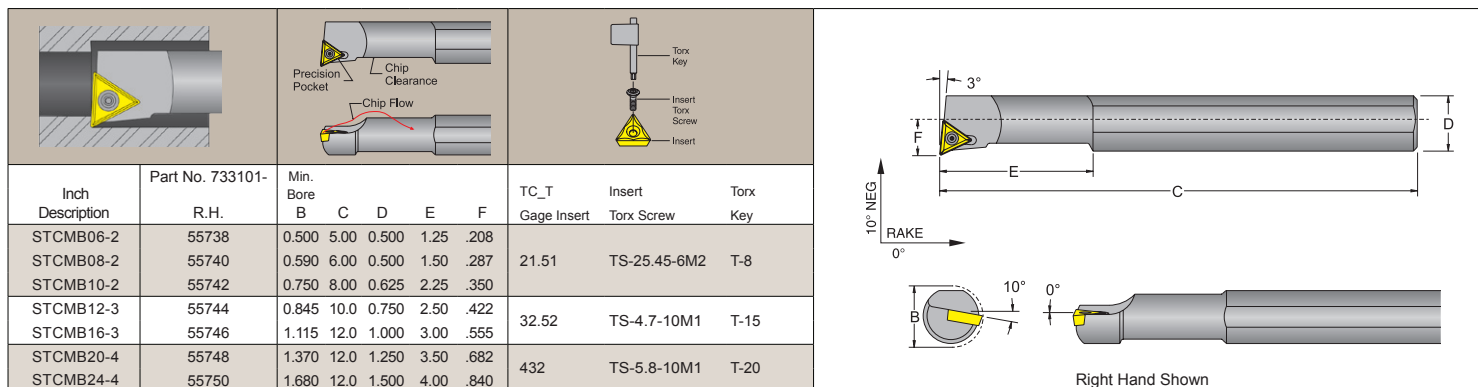


STCMB Boring Bars

From Roughing to Finishing, Square Shoulders to Through Bores

For 7° positive triangle TCMT Inserts

- **Small Hole Capacity** - to a minimum of .500
- **High Tech** - Insert pocket has been scientifically designed to eliminate vibration and maximize the depth of cut
- **Rigidity** - Bar made of heat treated, precision ground alloy steel
- **Insert Locking** - The insert is securely held with the Torx screw to reduce tool slipping
- **Better Finish** - The clearance angle of the insert, in relation to the cutting edge, gives the best micro finish
- **Fast Material Removal** - The positive insert with advanced chip breaker design allows for heavier cuts



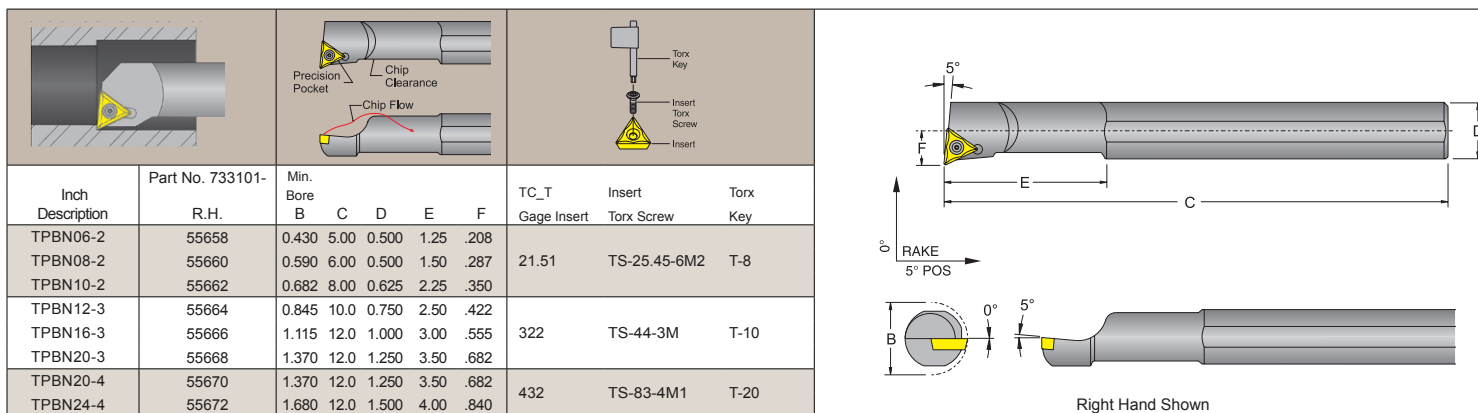
For inserts see PAGES 16-33. For spare parts see PAGES 108-109.

TPBN Boring Bars

From Roughing to Finishing, Square Shoulders to Through Bores

For 11° positive triangle TPGH or TPGB Inserts

- **Small Hole Capacity** - to a minimum of .430
- **High Performance** - Positive rake for fast material removal, as well as finishing
- **Rigidity** - Bar made of heat treated, precision ground alloy steel
- **Insert Locking** - The insert is securely held with the Torx screw to reduce tool slipping.
- **Chip Control** - Advanced precision chip clearance allows for maximum boring capacity
- **Inserts** - TIN coated with added chip breaker



For inserts see PAGES 16-33. For spare parts see PAGES 108-109.