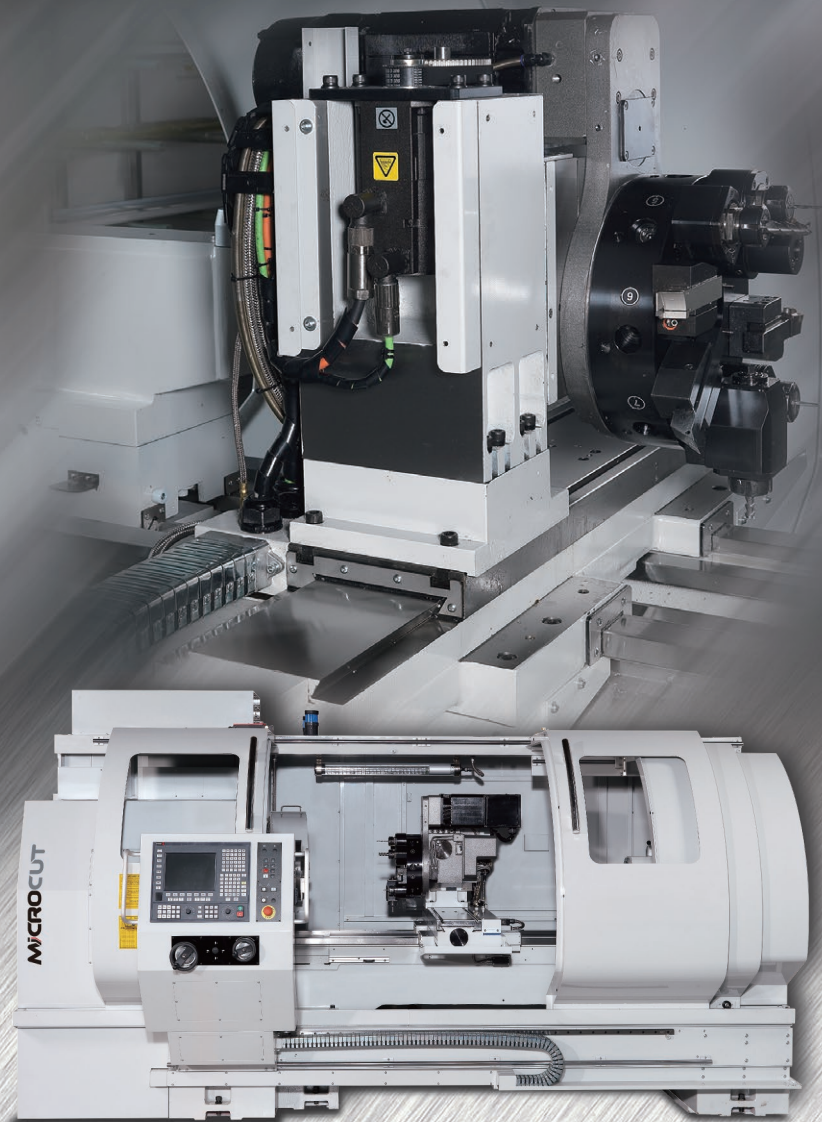


MICROCUT



BNC-2200/2600 Series

CNC Flat-Bed Lathe



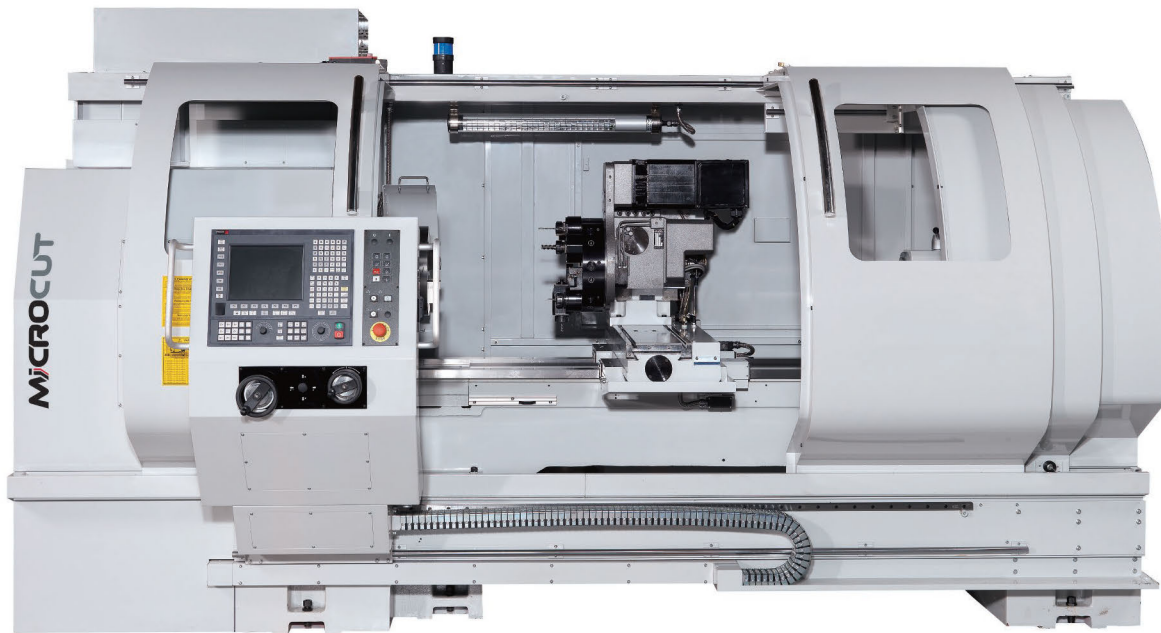
National Award
of Outstanding



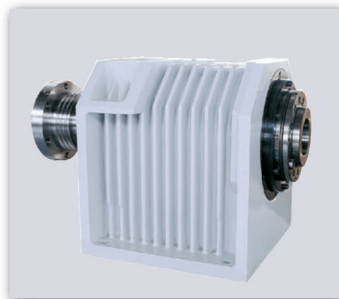
ISO 14001:2004
EMS 546518



ISO 9001:2008
FM 538421



BNC-2260X with full guard



The headstock is rigid and well machining balanced for high speed cutting. An automatic speed changing system, hydraulic chuck fitting device, bar feeder interface are available.



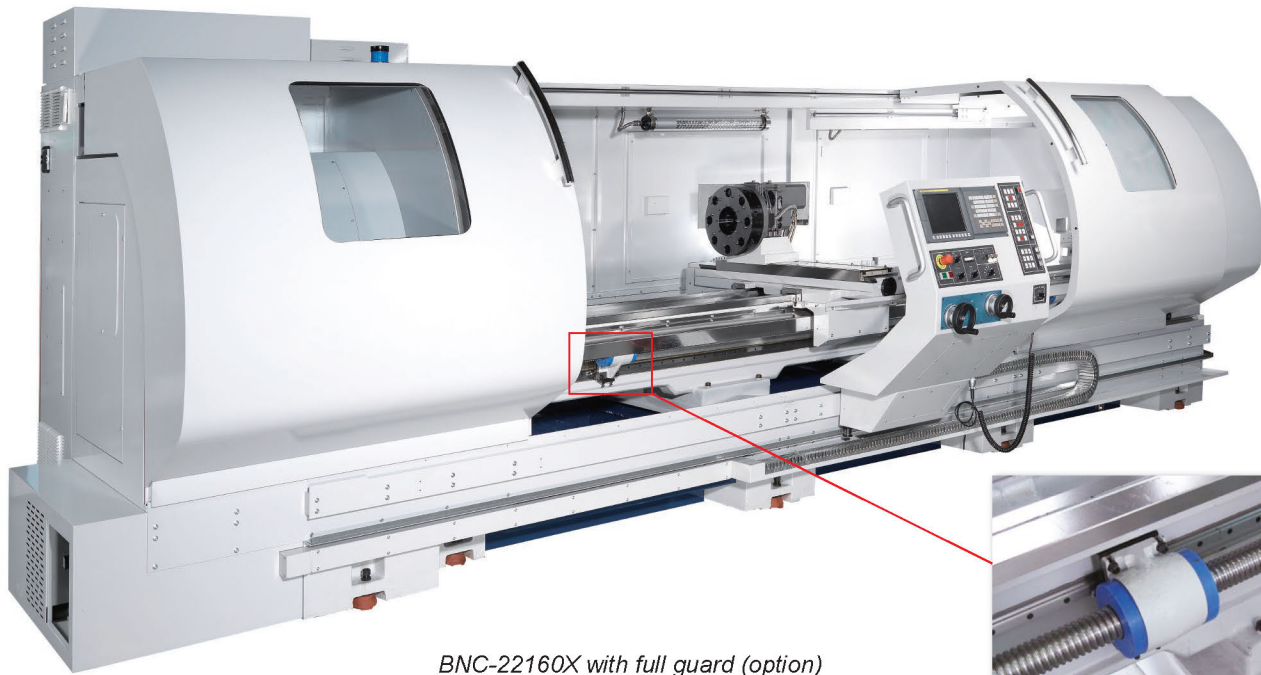
The double box-way design is used for rapid traverse in extremely wide bed to carry heavy workpieces. The bed is also designed for easier chip flow into the chip tray or optional chip conveyor. The ballscrews are preloaded to ensure repeatability accuracy.



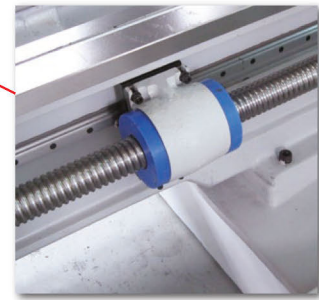
A conveniently constructed cross slide ensures easy access to the tool post. A hydraulic turret with standard disc or VDI disc is available on request.



BNC 2200/2600 is equipped with a pneumatic automatic spindle speed changer, enabling the machine running under full automatic mode.



BNC-22160X with full guard (option)



Ballscrew support bracket for bed length longer than 3 meters



Effortless approaching design can let the operator stand near the spindle center line for easy loading/unloading the workpiece.



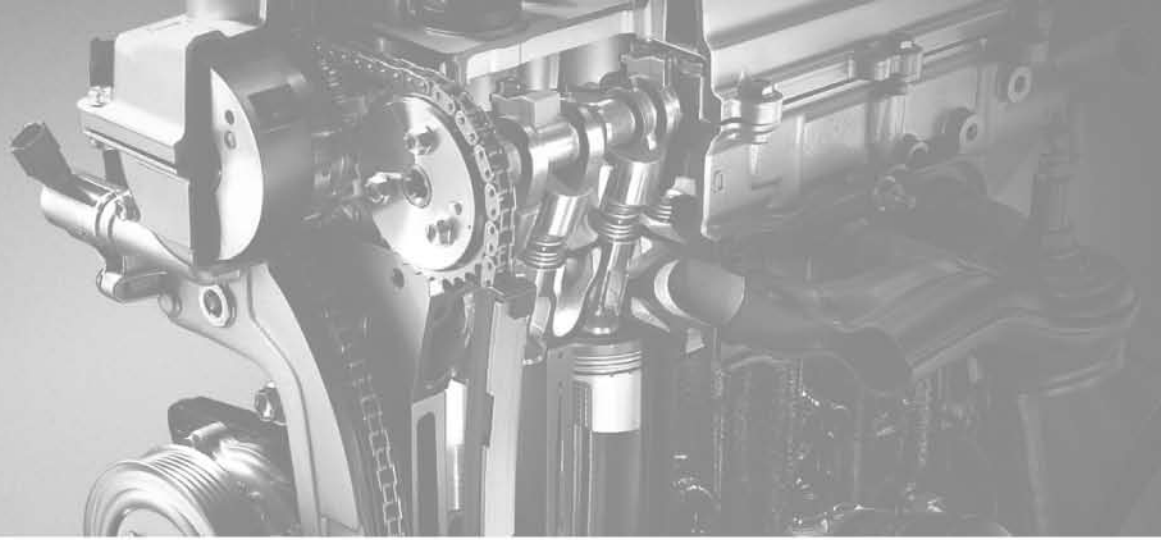
The A1-8 (82mm bore) / A1-11 (106mm bore, option) / A2-11 (153mm bore, option) spindle nose accommodates a heavy-duty chuck for production. The face is easy to clean and maintain. Cam-lock type spindle nose is available on request.



An interlock carriage carrier system (std. for 3M up) for convenient tailstock movement.



The control panel can be carried through the whole Z axis travel. The control can be used in either ISO code or conversational programming with a teaching function. The gap design at the machine bottom allows the operator easy approaching the machine, which can shed the fatigue from the long-hour working.



The large tailstock is ideal for carrying heavy workpieces and interference free. Revolving quill is available on selected models.



A large opening gate at rear is convenient for cleaning the machine and easy access for service purpose.



A selected chip conveyor with wash down system is available. The system offers efficient chip clean solution. It is exchangeable for standard chip tray.



The chip tray is designed to be removed from the back of machine. The coolant tank is designed for easy roll-out. The tray can be cleaned easily.



The well-designed cross slide can accommodate a 12-station turret (VDI30) or 8-station turret (VDI40). Both can be installed at the operator side or rear side. Alternatively, an electric 4-way turret or manual quick-change tool post can be fitted.



High-tech electric cabinet meets the latest CE regulation. All CE declared components are applied and easy to find the replacement locally. A totally sealed cabinet ensures a good quality environment.



The high pressure pump offers ample coolant during machining.



A resistance type lubrication unit can detect the oil volume.



BNC-2600



BNC-26160X with travelling front single door

*Photo shows a preparation for rear mount chuck; a chuck guard will be supplied.

Standard accessories:

- Fagor 8055A TC, 8055A FL & Power or Fanuc 0iTD or Siemens 808 Basic
- 11/15.5kW main spindle motor for 2240/2260/2280; 15/22kW for 22120/22160
- Tailstock
- Gap bed
- Fully enclosed front guard with interlock system for 1M/1.5M/2M C.D.
- Travelling front single door interlocked with carriage for 3M/4M C.D.

- Coolant system
- Lubrication system
- Quick change tool post with 6 pcs standard tool holder
- Low voltage circuit system
- Tailstock interlock for 3M/4M C.D.
- CE declaration of conformity for EU countries
- Leveling bolts & pads for installation

Optional accessories:

- Steady rest
- Follow rest
- 3 jaw chuck(hydraulic or manual or pneumatic)
- 4 jaw manual chuck
- Automatic V8 turret
- Hydraulic V8 turret
- Hydraulic tailstock quill
- 15/22 kW spindle motor
- C axis & power turret
- D1-8 spindle nose
- 106mm spindle bore capacity for BNC-2200, 106/153mm for BNC-2600
- Y axis for BNC-2600 series

- Joy sticker
- Portable MPG
- EMC
- Extra I/O for functions
- Chip conveyor & wash down device
- 5 bar high pressure coolant pump
- Hydraulic steady rest
- Tailstock interlock for 2M below
- 20 bar coolant through tool device
- Lifting device
- Fully enclosure guard for 3M and 4M machines
- Safety module



Y Axis

Y axis is available on BNC-2600 series. It increases the linear motion capability of the machine tool and eliminates many requirements of secondary operation. With the additional Y-axis, to turn and mill complex parts and perform multiple operations on a single machine is easy and convenient.



Rear Mount Ballscrew

Rear mount ballscrew device provides rigid structure to support the carriage during heavy duty cutting when the turret is mounted at rear side of the carriage.



8-Station Power Turret

8-station Power Turret as shown in the photo or 12-station Power Turret (VDI-40) (option) provides more efficient performance.



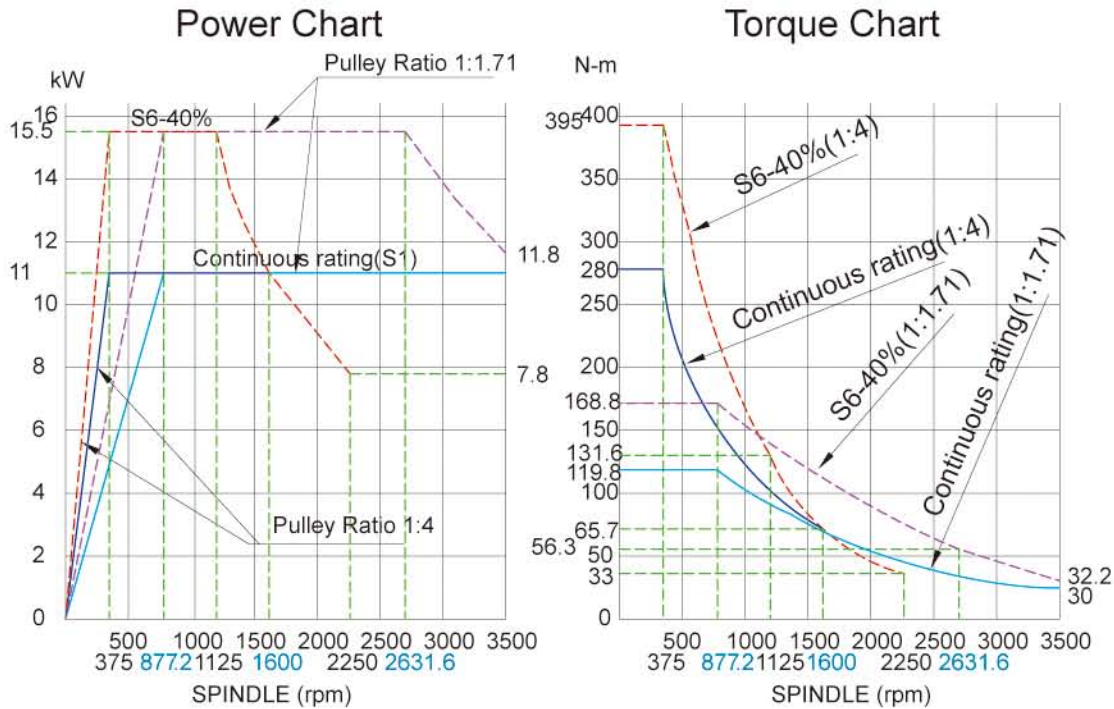
C Axis

C-axis is available (option) with braking system, upgraded spindle motor.

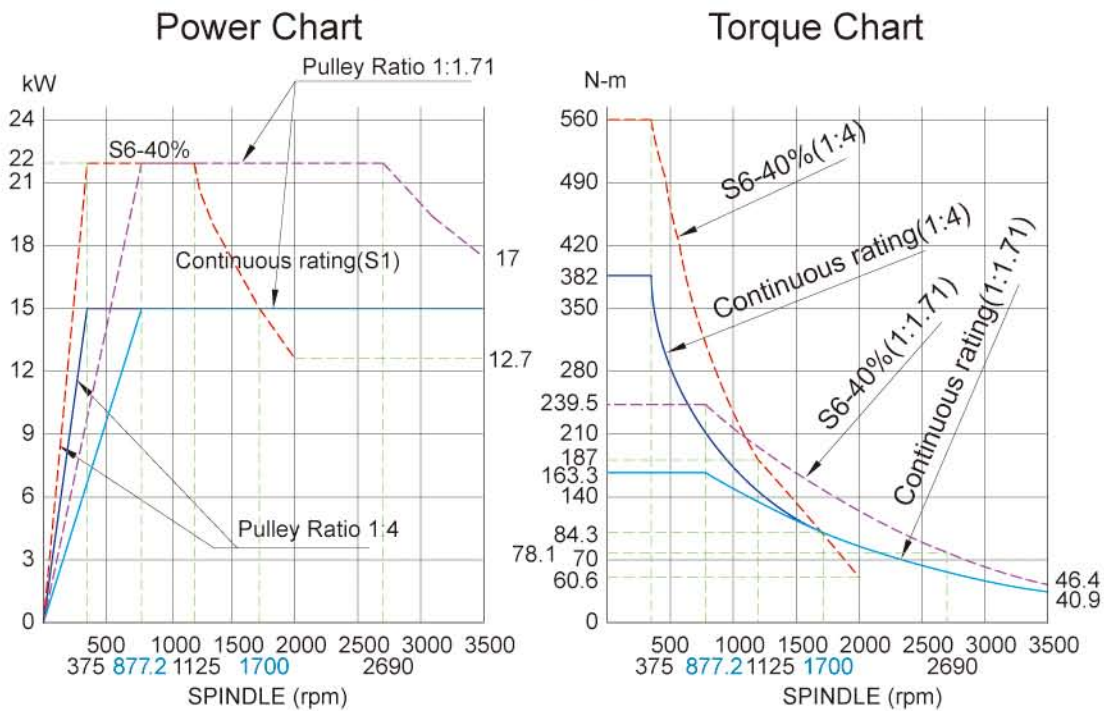
Power & Torque chart

(Below charts are for Fagor spindle motors)

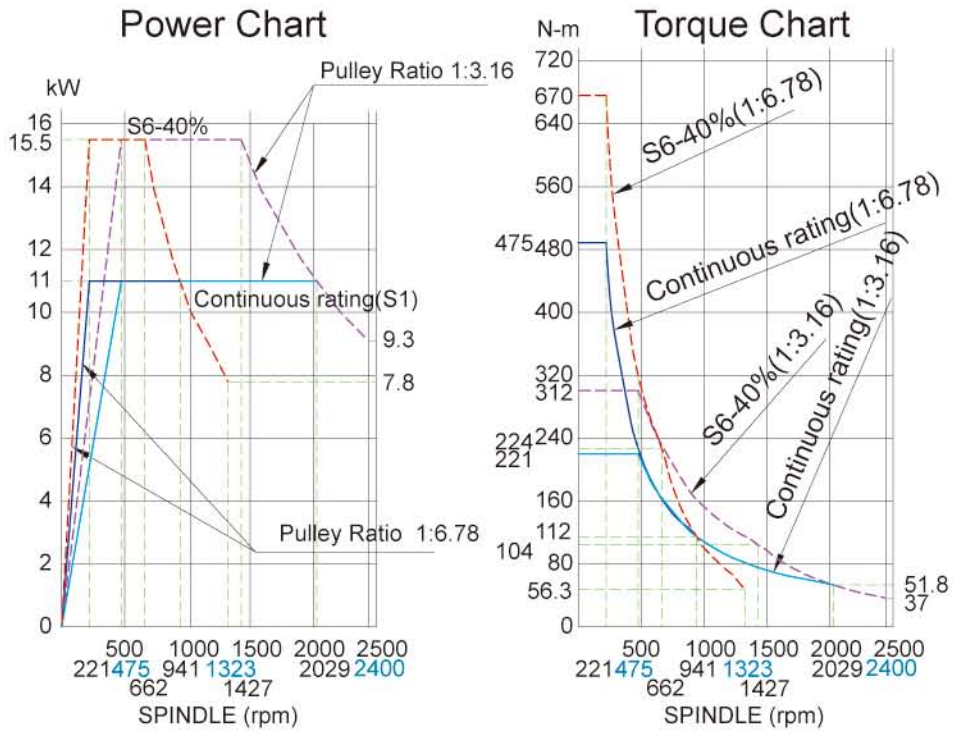
82mm bore, speed 3500rpm, 11/15.5kW motor



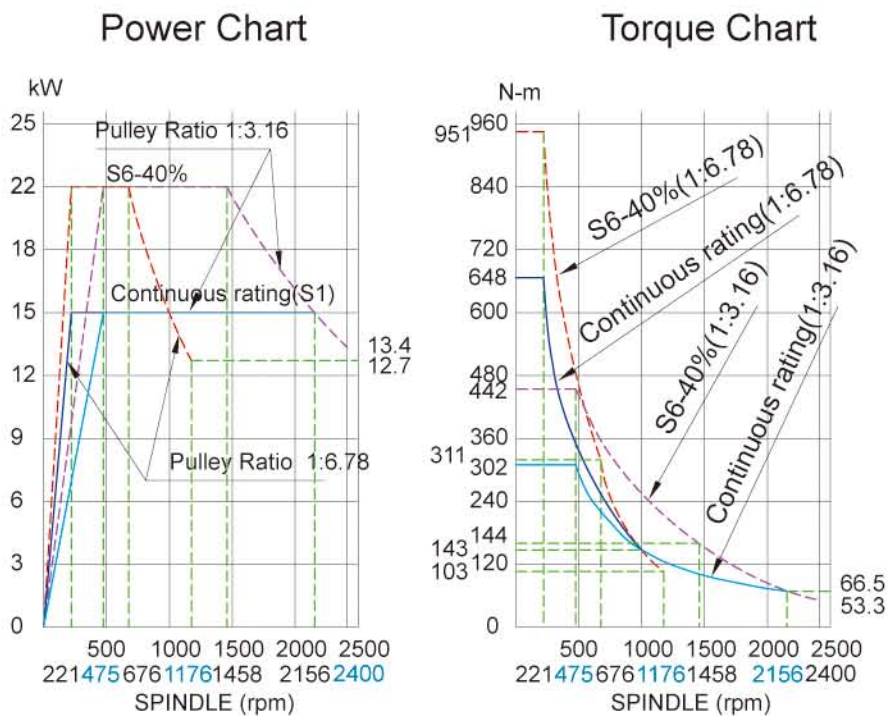
82mm bore, speed 3500rpm, 15/22kW motor



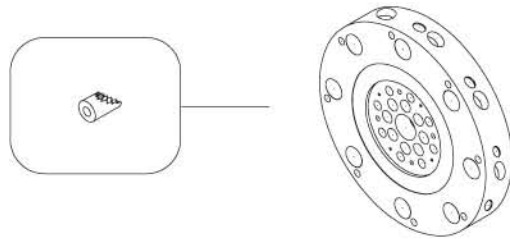
82mm bore, speed 2400rpm, 11/15.5kW motor



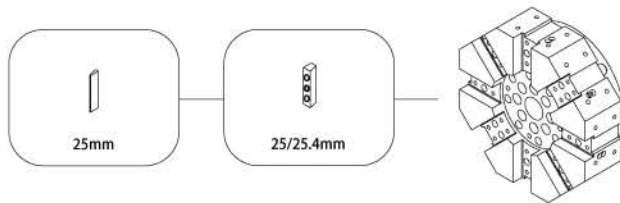
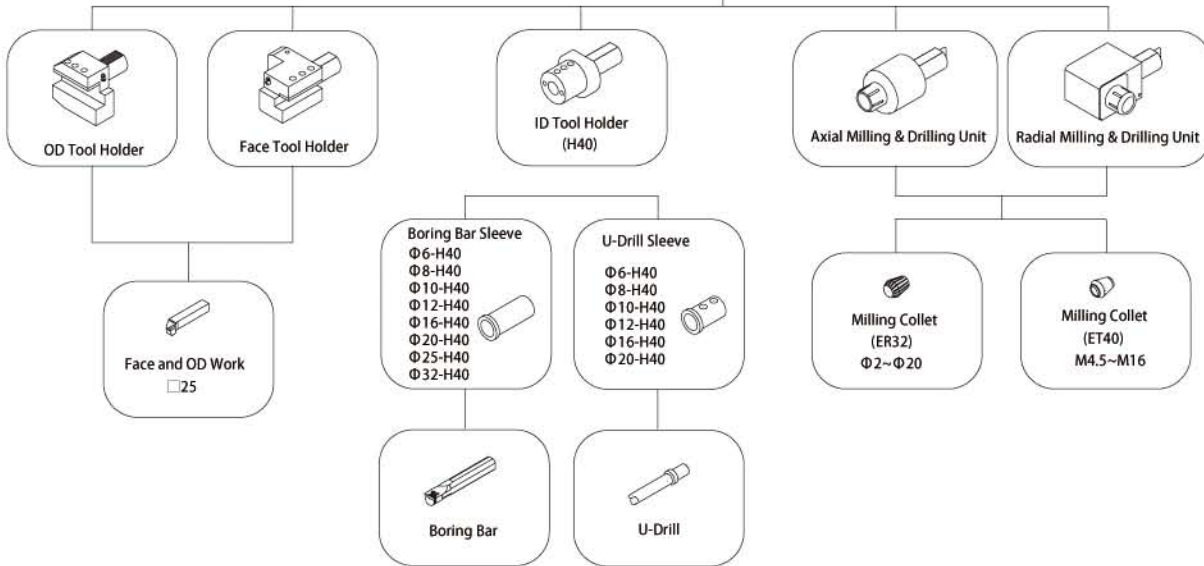
82mm bore, speed 2400rpm, 15/22kW motor



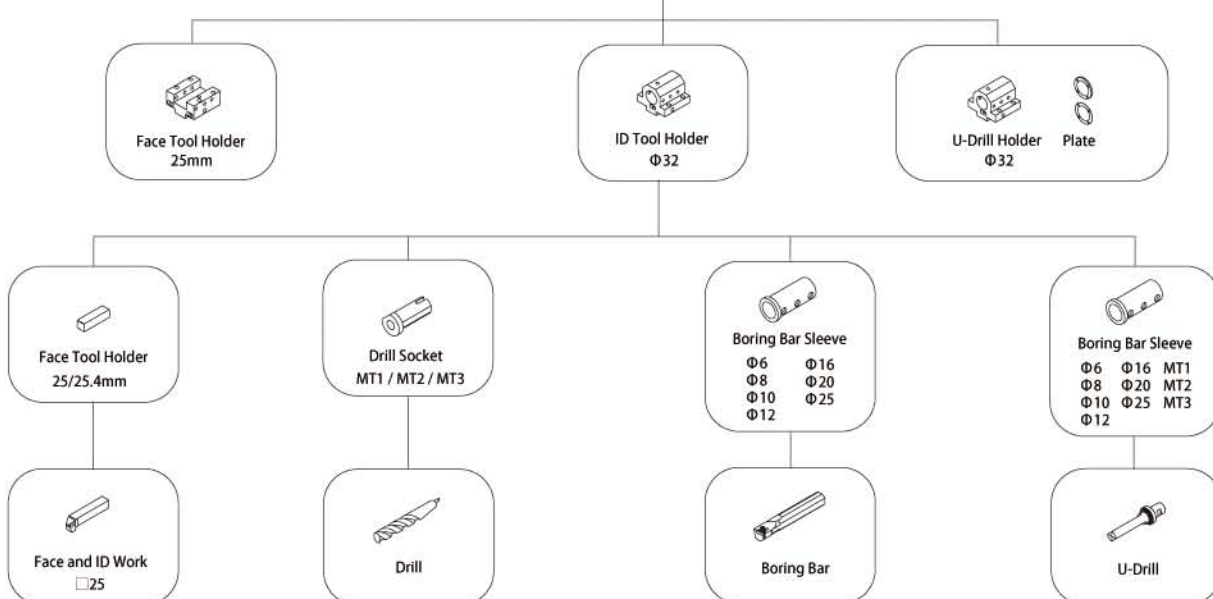
Tooling System



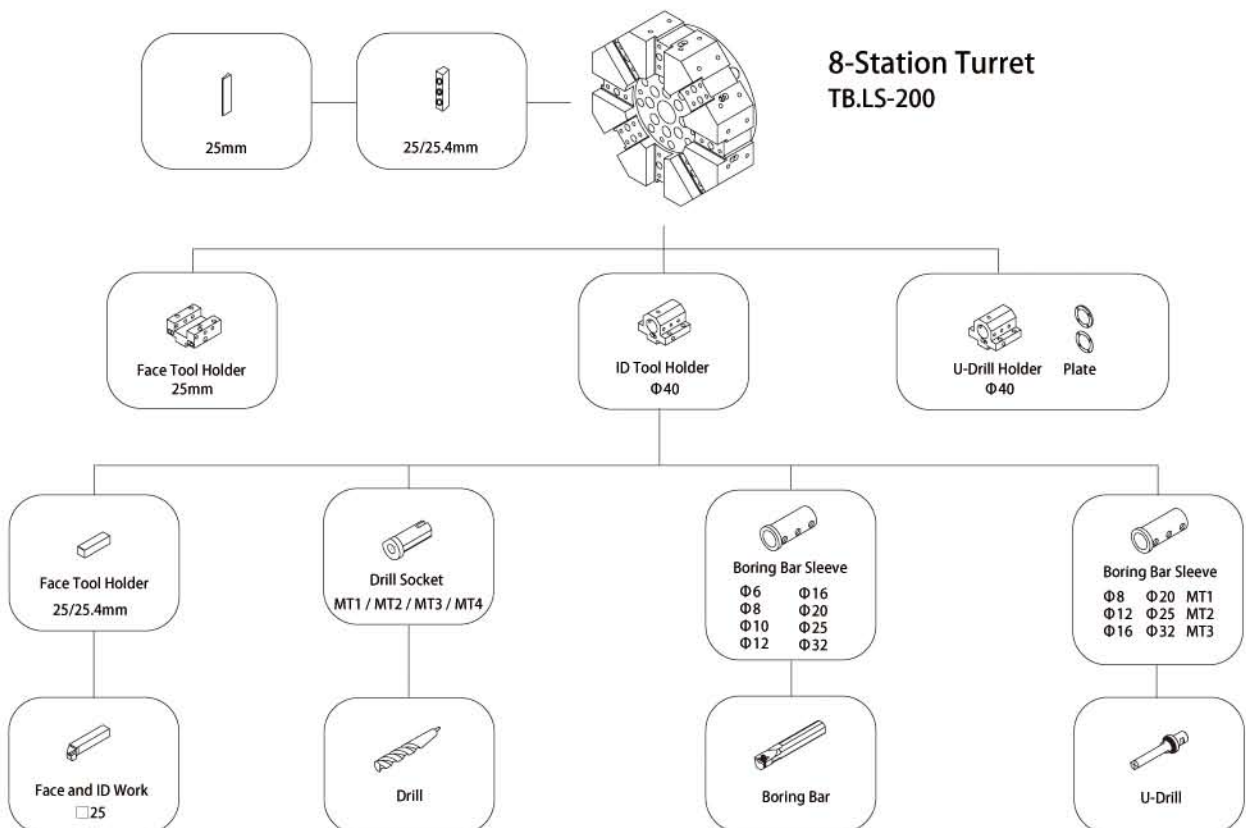
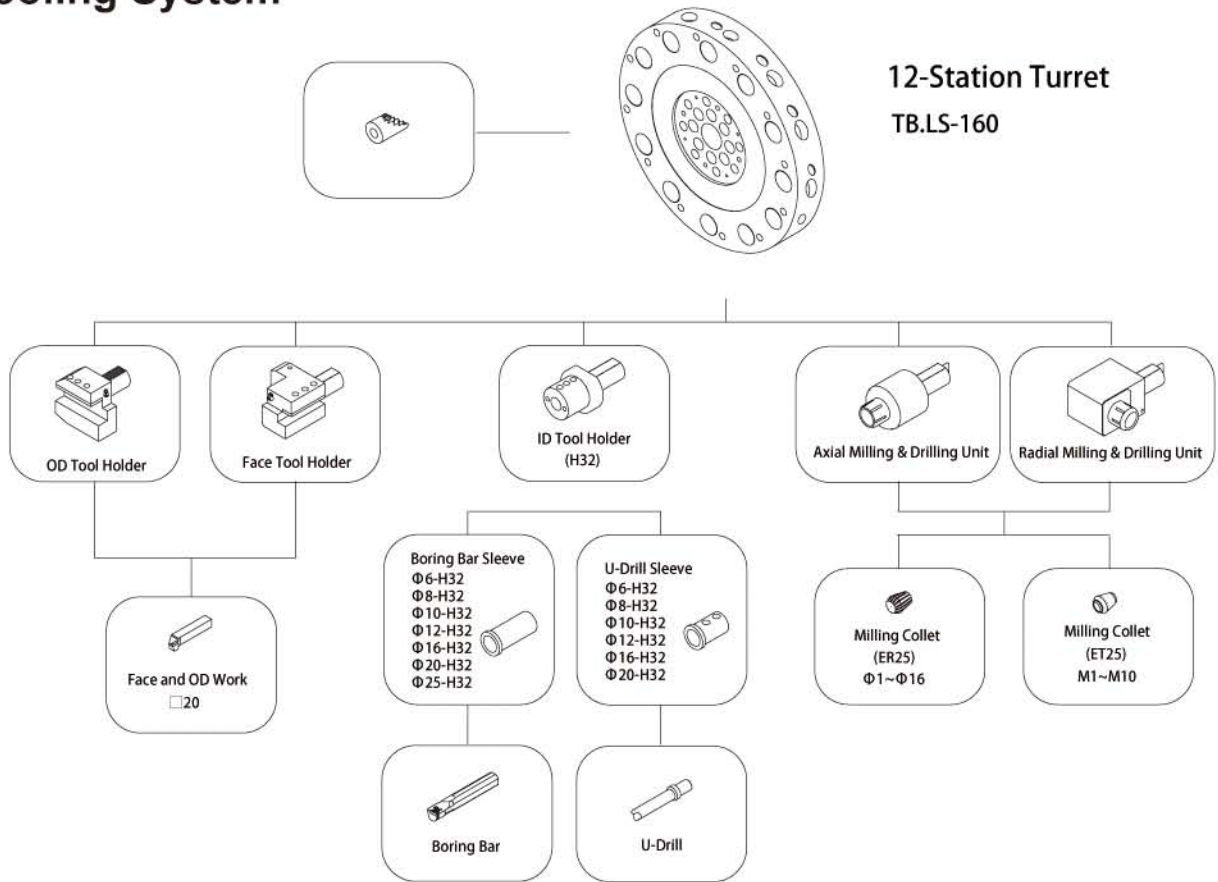
8-Station Turret
TB.LS-160



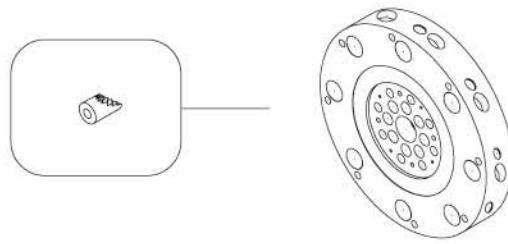
8-Station Turret
TB.LS-160



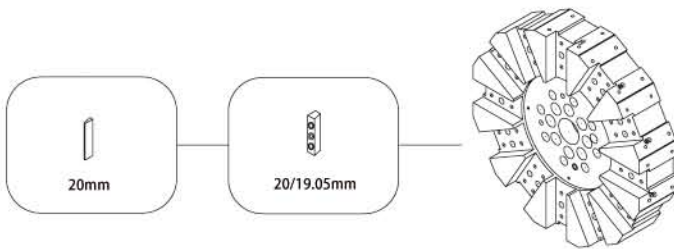
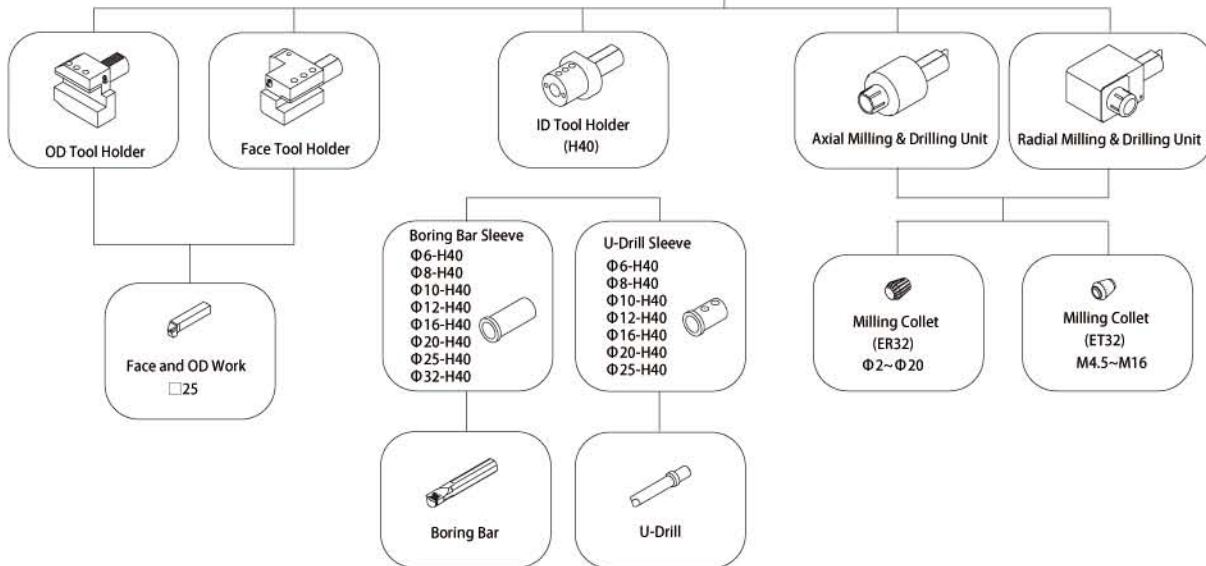
Tooling System



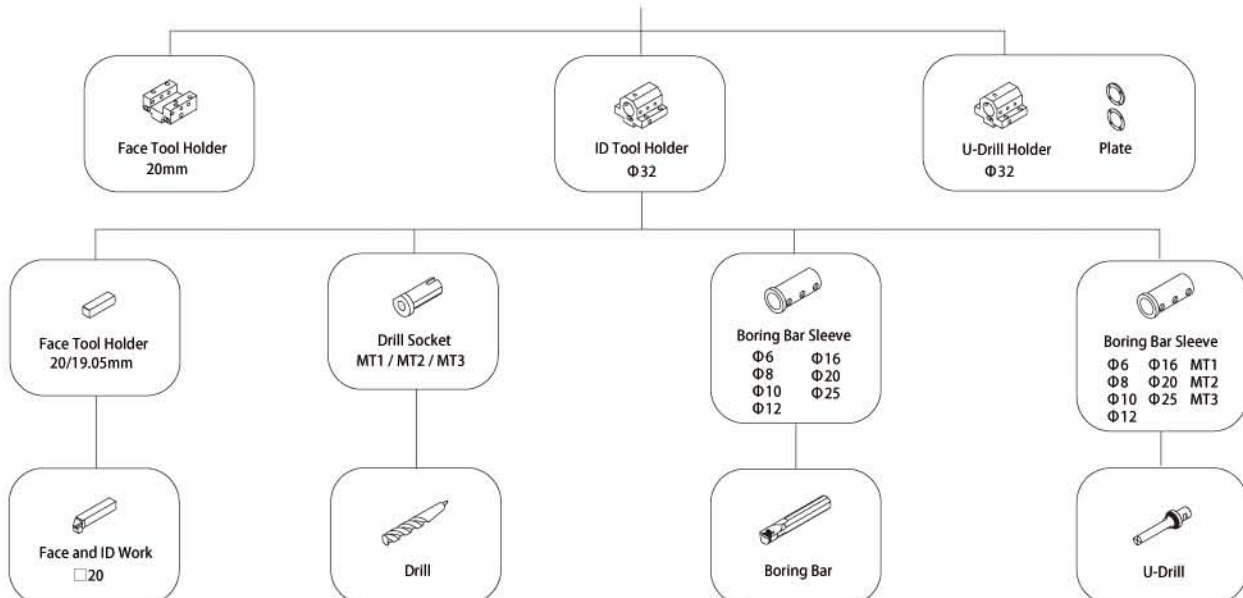
Tooling System



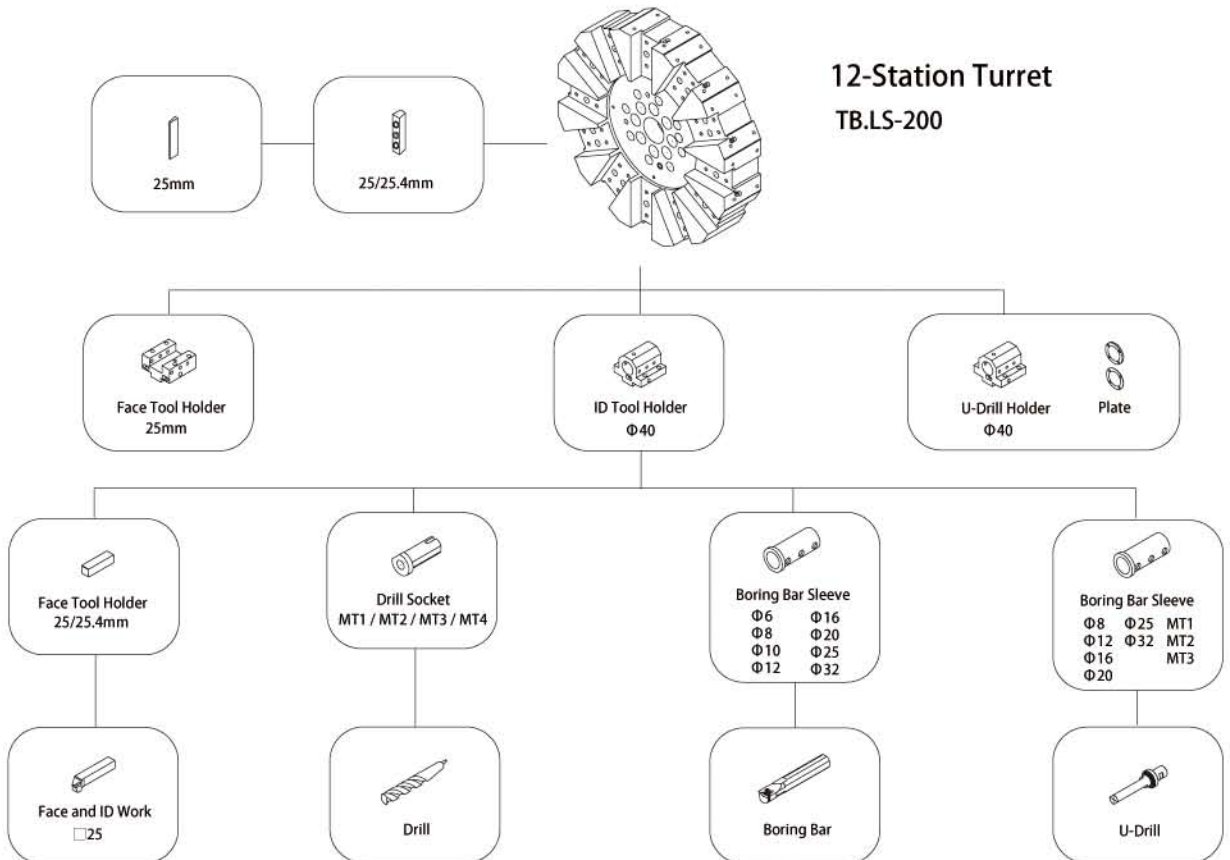
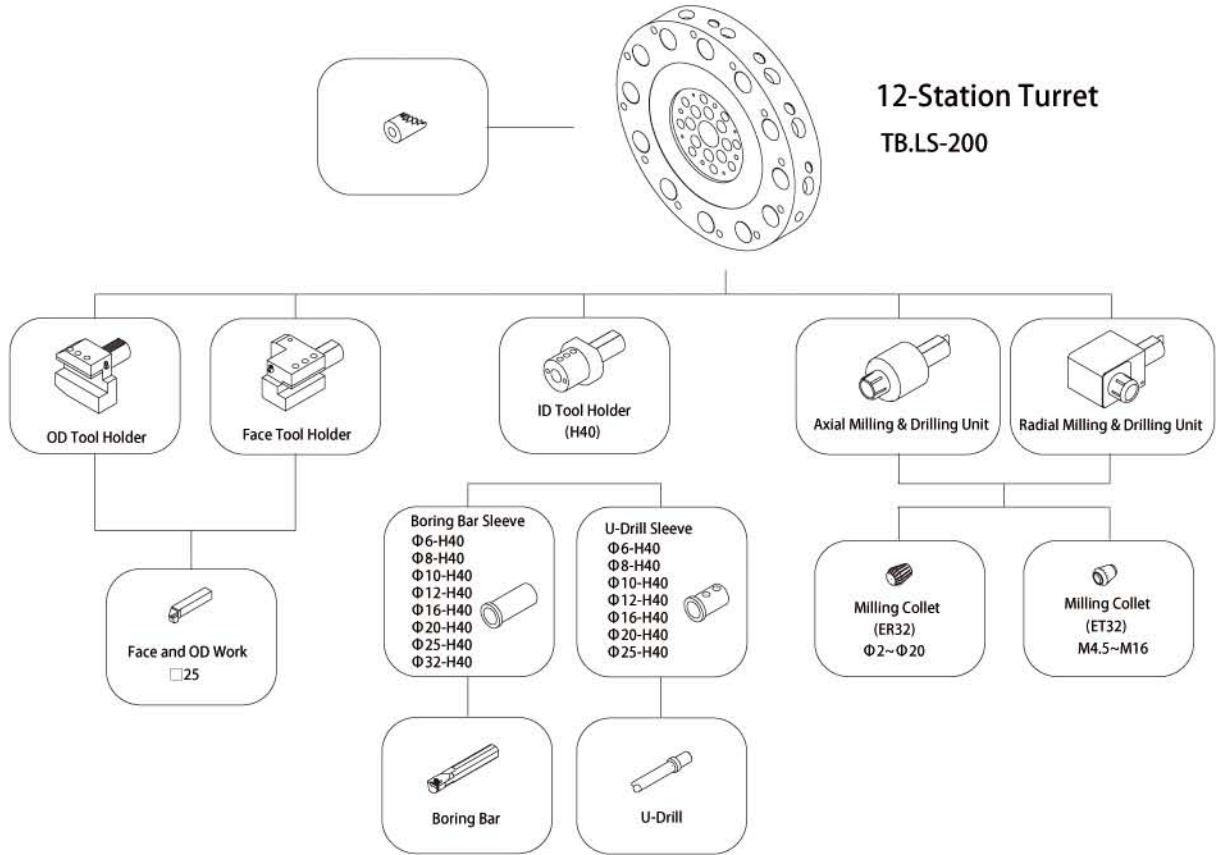
8-Station Turret
TB.LS-200



12-Station Turret
TB.LS-160



Tooling System





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