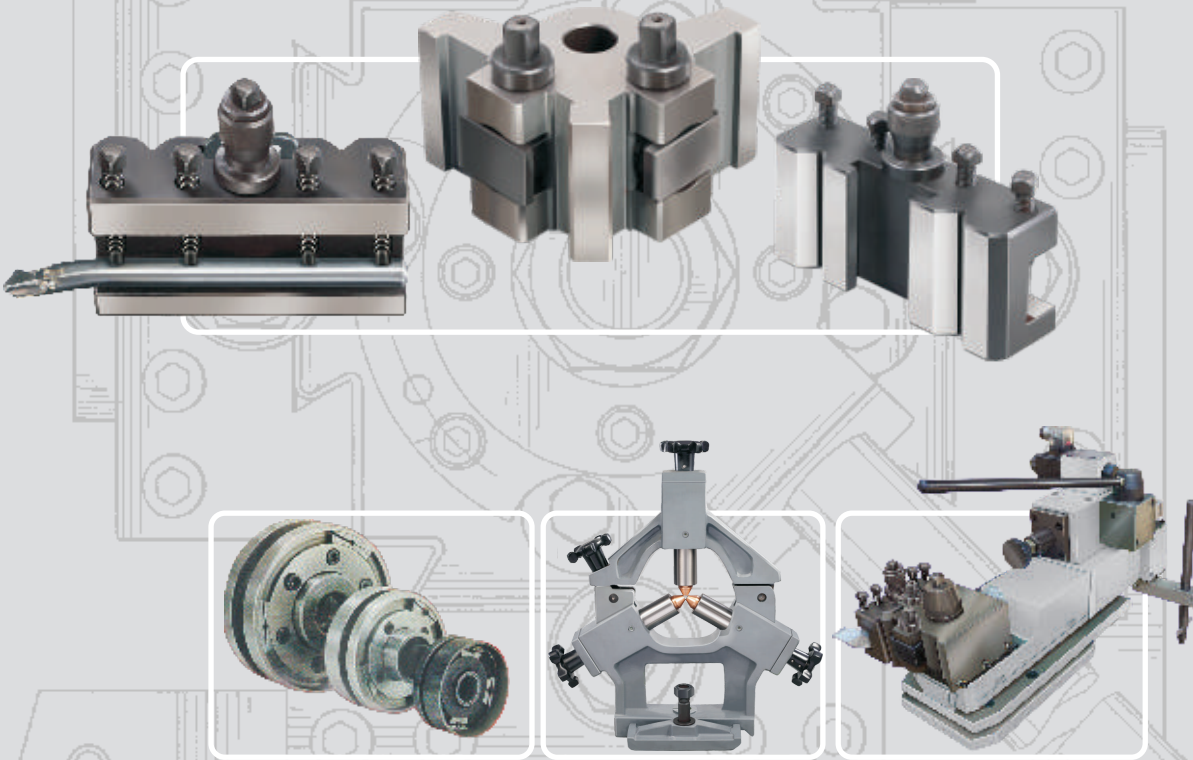
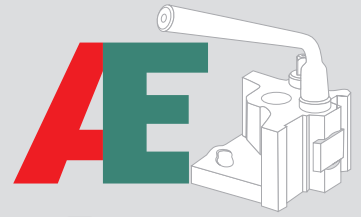




- **AYEE Quick Change Tool Posts**
- **Hydraulic Lathe Tracers for Copy Turning, Face Copying and Copy Boring**
- **Steady Rests / Follow Rests**
- **Rear Tool Holder, Extended Clamp Block and Stop Roll**
- **Wheel Flange for Grinding Machines**

Ancillary to HMT Limited

ARUNA ENTERPRISES

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AYEE Quick Change Tool Post

OE to HMT Ltd. (Since 1963) and to Ace Designers Ltd.

PSG Industrial Institute, Qetcos Limited, Jina Machine Tools, Hicut Machine Tool Industries, S & T Engineers, Diety Hydraulics, Deepthi Hydromech.



AYEE Quick Change Tool Post:

- Cuts your operating costs by reducing set-up time,
- Suitable for fine precision work
- Rough turning without chatter and vibrations

All parts of the Tool Post are made of heat treated, high quality Steel and S.G. Iron Castings. The prismatic ways of the Tool Post, Tool Holder and all Fitting Surfaces of the tools are ground. The Tool Post is clamped on Compound Rest. The specially designed clamping bolt ensures self locking of Tool Holder and reduces vibrations. The correct height of the Tool Holder is adjusted by a screw and knurled nut using a T-wrench. The Tool Post with different Tool Holders can be used for turning, boring and drilling operations.

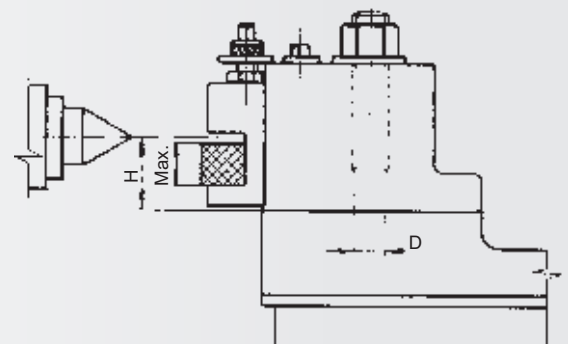
Salient Features

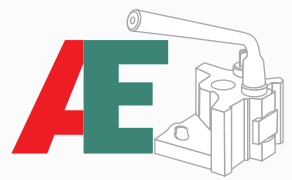
- Tool change in seconds
- Wide range of center height adjustments. Packing below the tool is not necessary.
- Safe and simple to operate
- Precise repeatability
- Long life workability
- Enables tools to be re-ground without removal from Tool Holder

Specifications

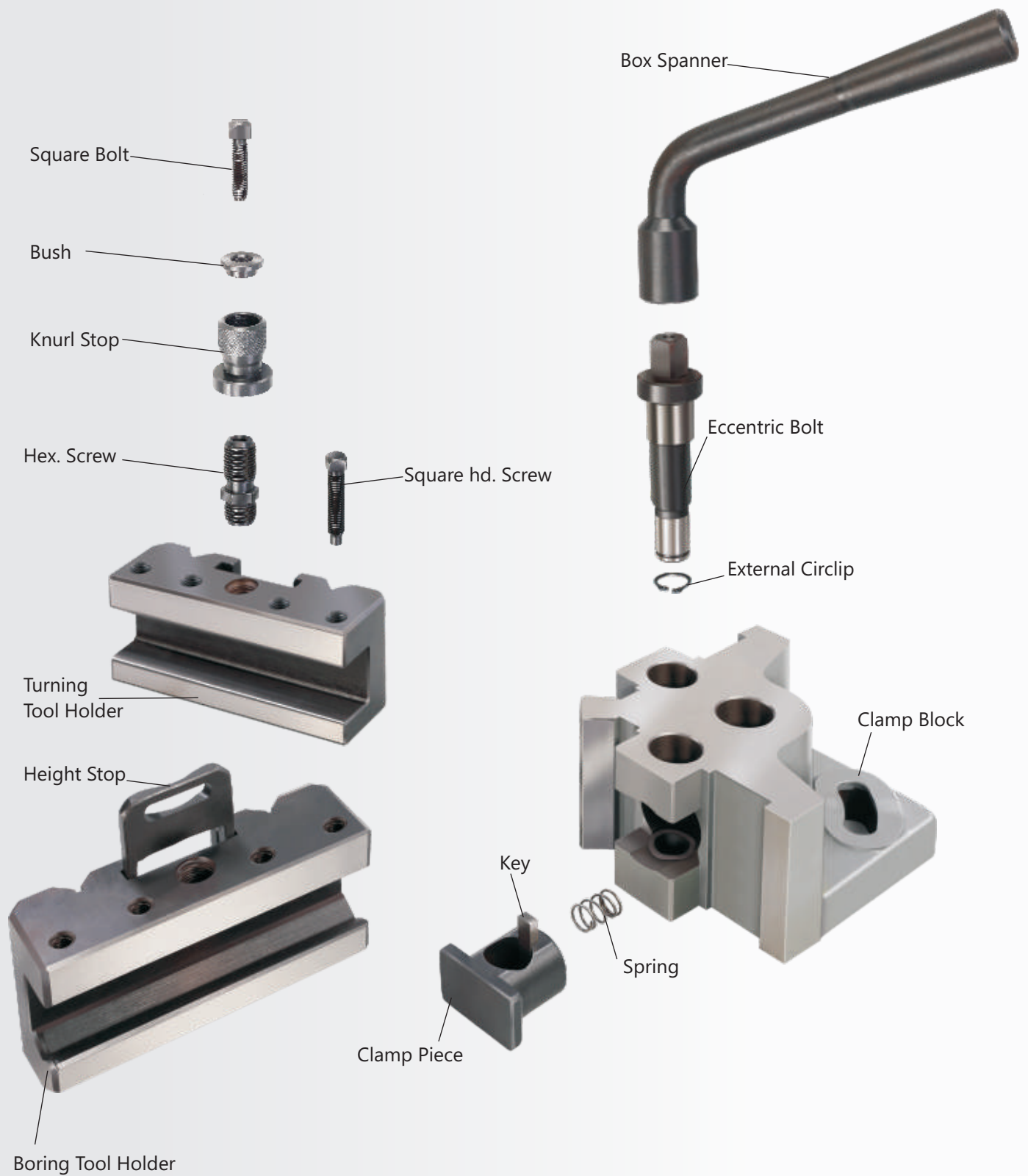
Type	Tool Post Size mm	D mm	H mm	Max. Sq/Round Tool	Center Height
Large	135 x 135 x 82	24	41	25	250
Medium	110 x 110 x 82	20	41	20	250
Small	110 x 110 x 68	20	34	20	180
Heavy Duty	180 x 180 x 110	32	55	30	310
	135 x 135 x 88	20	44	25	280

Plus more QCTPs to suit different variants of lathes. Also Special Holders suitable for above. Knurling Tool Holder, Parting Tool Holder and Drilling Holder (MT & ST Bore)





Exploded View of the Tool Post

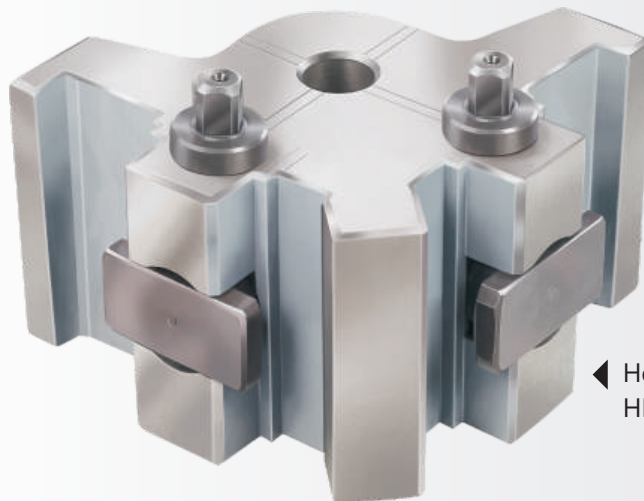
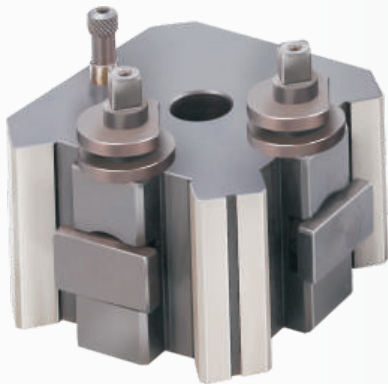




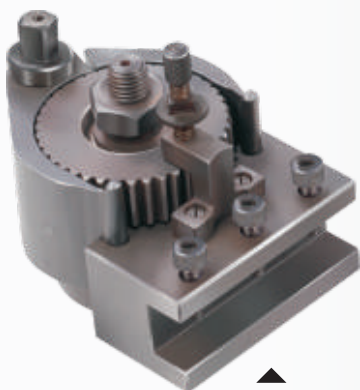
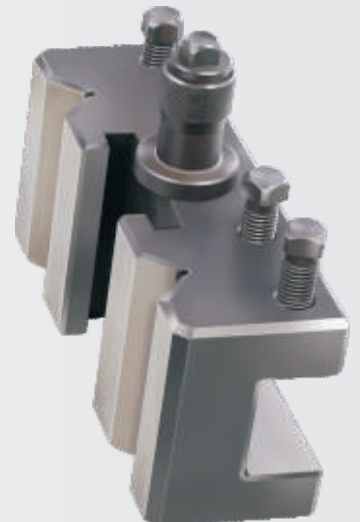
▲ Tool Post (P) ▼



▲ Single point Tool Post ▶



◀ Heavy Duty QCTP for HMT HDL 70 & B 32 ▲



▲ Gear Tool Post ▶



▲ Three Side Tool Post



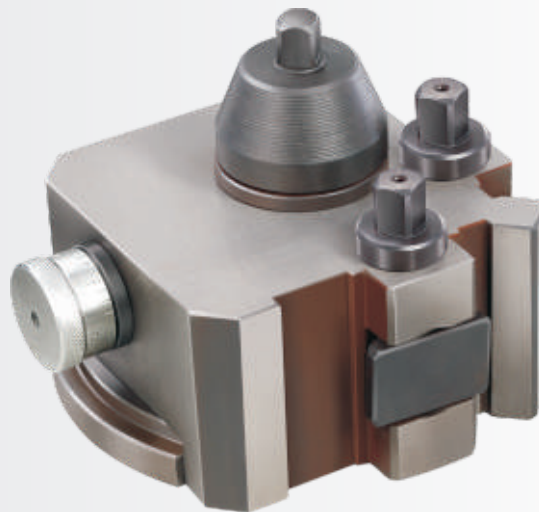
▲ Square Tool Post



▲ Self Opening Die Head



▲ Single Tool Post for QETCOS



◀ Tool Box for Tracer



▲ Parting Tool Holder

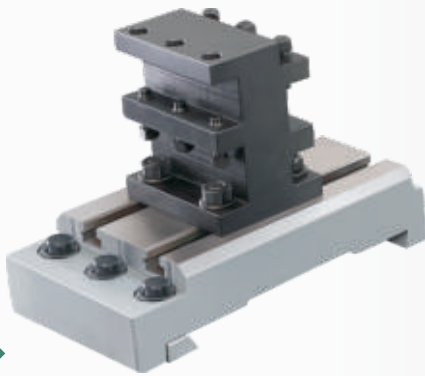


▲ Knurling Tool Holder



▲ Drilling Holder(MT & ST) Bore

Center Lathe Accessories



▲ Rear Tool Holder

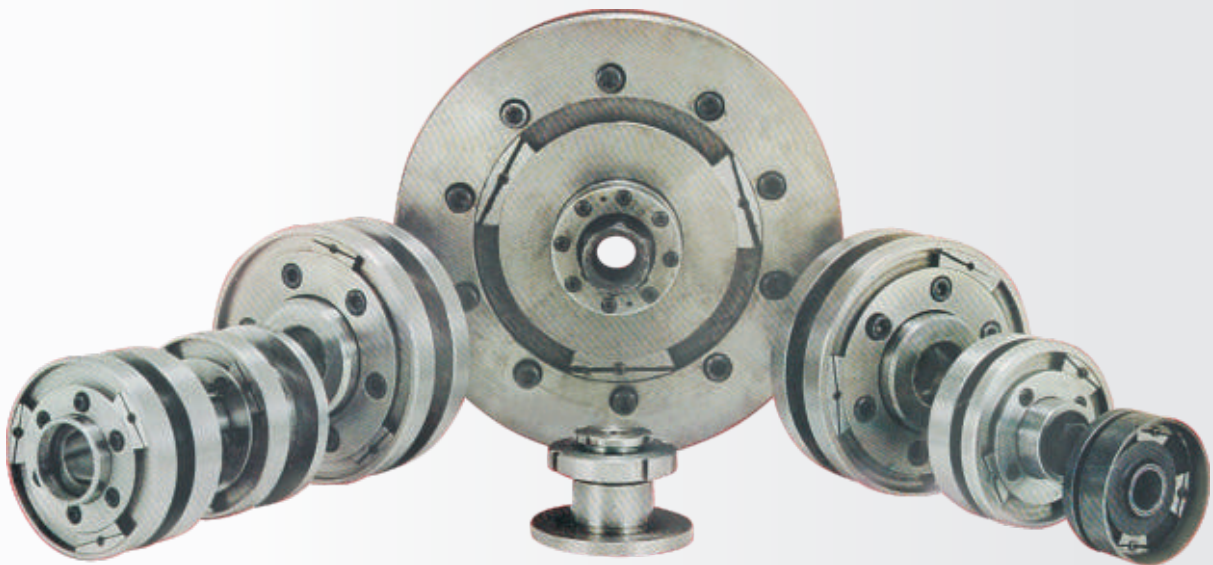


▲ Extended Clamp Block up to 3 meters

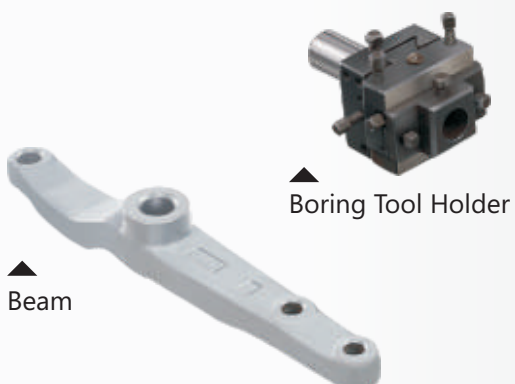


▲ Stop Roll

Wheel Flange Variants for Grinding Machines



For Export



▲ Beam

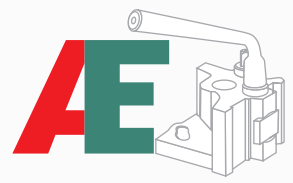
▲ Boring Tool Holder



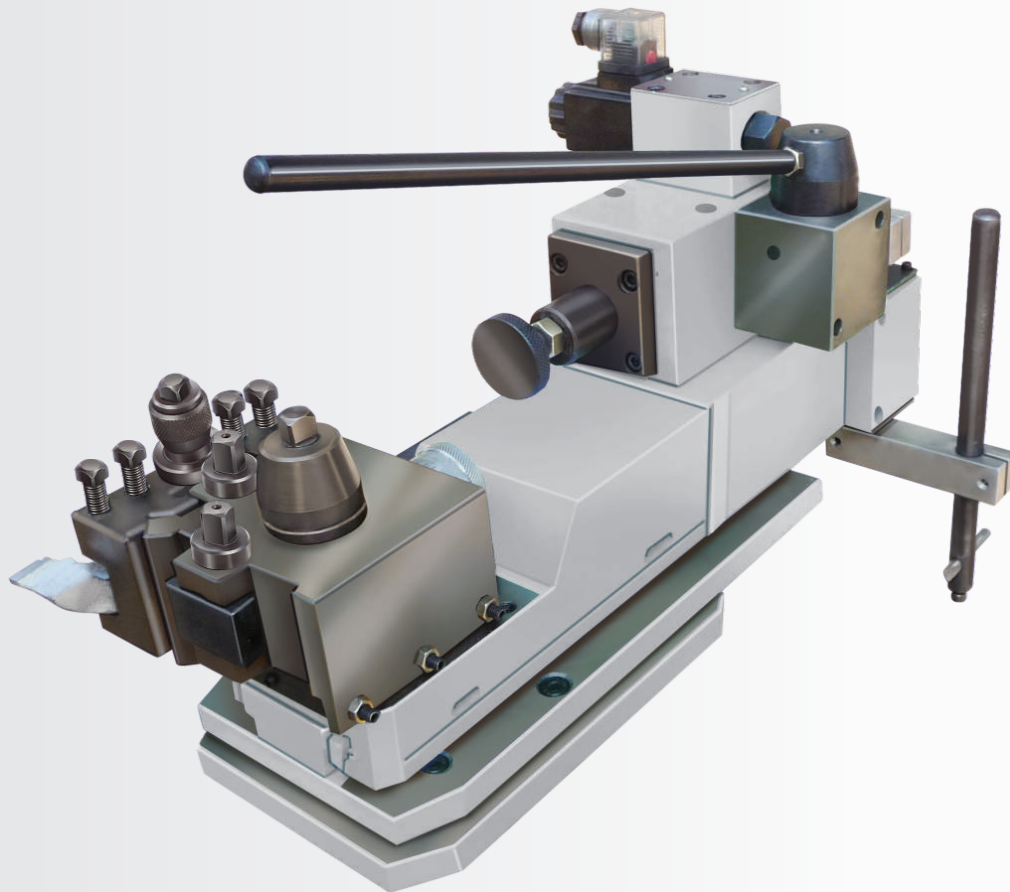
▲ Tool Holder



▲ Spider



Hydraulic Lathe Tracer for Copy Turning, Face Turning & Copy Boring



Lathe Tracer - available in 4 models - is employed in many industries. A product of sustained research on hydraulic tracing system, the Lathe Tracer is an ideal replacement for manually operated production on any lathe.

Lathe Tracer can be mounted at the rear or front of a lathe. It can be operated by semi-skilled operators.

While the Lathe Tracer can reduce inspection time

considerably, it also helps enhance production by 300 % or more, still retaining an accuracy of 0.025mm on good lathes.

Robustly built with hardened slides, hardened tool post and a very sensitive copy valve, Lathe Tracers undergo rigorous tests to ensure longer life and trouble-free performance.

Features

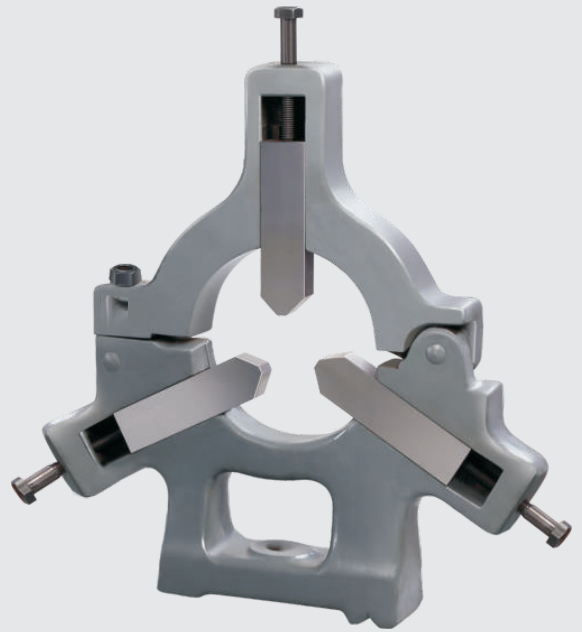
- In-built lubrication system for Tracing Slide at operator's control
- Hardened Tool Post with Quick Change Tool Holder
- Automatic finish cut with pre-determined amount from 0 - 1.5mm
- 6 Station servo-actuated turret for multi-cut operation (Optional)
- Forward and retraction of slide and finish cut operation done manually by single operating handle. Electric remote control can be provided as optional.
- Master carrier for round master and flat template holder (optional) can be set easily for longitudinal and axial movements
- Power pack having level indicator and special isolator valve for pressure gauge and filters

Steady Rests and Follow Rest

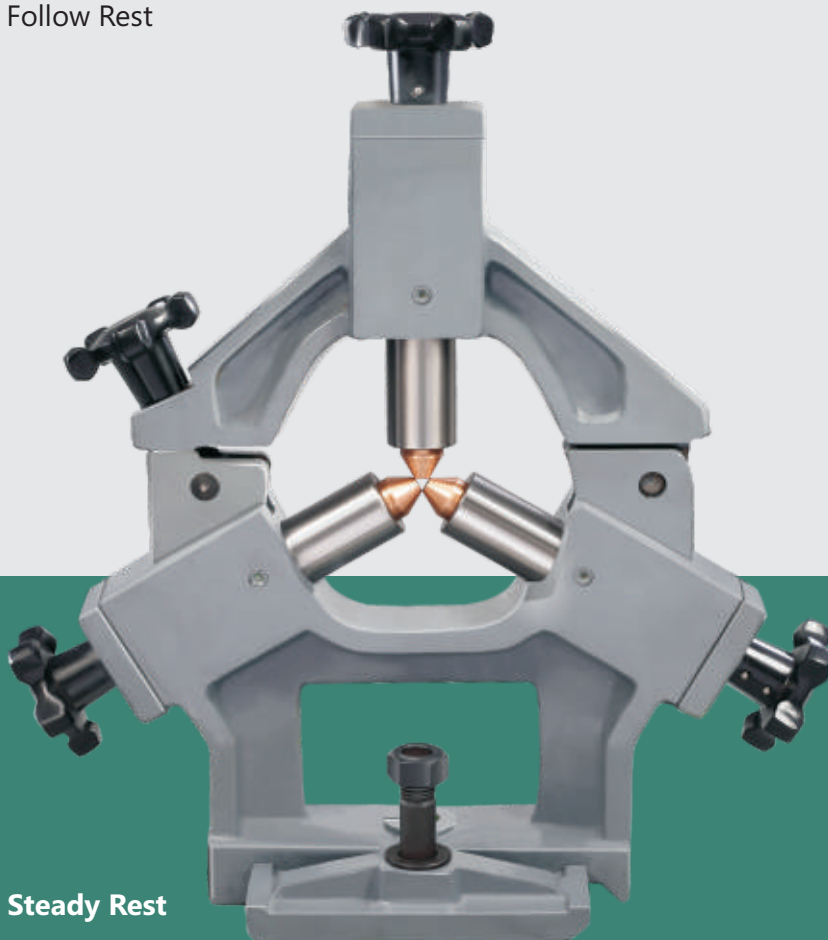
The Steady and Follow Rests consist of a frame and three/two adjustable jaws which support the work.



Follow Rest



Steady Rest



Steady Rest

Features

- Prevents springing or deflection of slender, flexible work pieces
- Provides auxiliary support for the work piece to permit heavy cuts
- Supports work piece for drilling, boring and internal threading operations

Steady Rest can also be supplied with Roller Bearings



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