

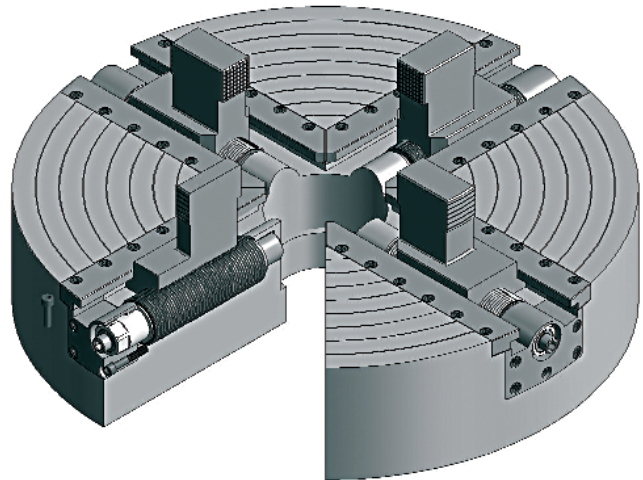
Mechanical Power Clamping Screws _____ Series MSP/MSPD

For face plates and surface plates on vertical boring machines, turret lathes, centre lathes, facing lathes and roll turning lathes as well as grinding machines and special machines

The JAKOB power clamping screws have been developed for the most exacting demands and maximum workpiece weights with an optimum operational safety.

They are primarily suited for integration in jaw boxes or for direct installation in faceplates of lathes, grinding and special machines.

All components are made from hardened, heat-treated steel and produced with high precision which guarantees the user a clamping element of high sturdiness and reliability.



Essential features of performance

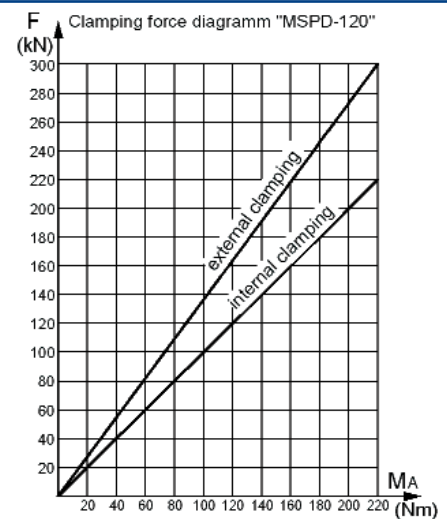
- enormous clamping force, low actuation torque
- maximal reliability, high rigidity
- large clamping stroke, high alignment accuracy
- simple manual operation, minimized maintenance

Note

Each clamping spindle is supplied with a clamping force diagram and a test report.

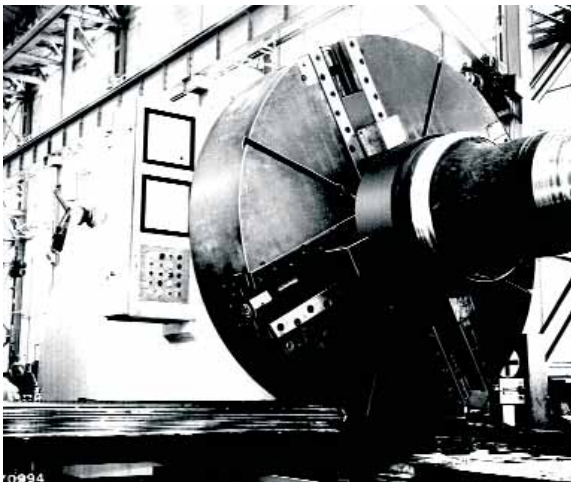
On request, the appropriate clamping force diagram can be supplied on an aluminium plate for fitting to the machine, as ready information to the operating personnel. Due to friction loss in the clamping jaws or linear guides, the table or diagram values for the actuation torque must be corrected. The appropriate factor must be determined, if necessary, by the face plate or jaw box manufacturers either empirically or based on trials & tests.

An example of the characteristics of the type "MSPD 120" is shown:



Application examples

Double acting type MSPD for a face plate of a big roll lathe.



Moveable jaw box with integrated power-clamping screw type MSP.

