



GD-I 2+2+2 (12)

GD LARGE DIAMETERS

Self-centering chuck
with 12 jaws linked two by two
For machining
of big diameter
deformable components
like thin wall rings

- Sizes achievable
up to \varnothing 7000 mm
- Control by hydraulic cylinder
- Jaws linked two by two
- Max. clamping force
600 kN
- Clamping stroke
control device

LARGE DIAMETERS

GD-I 2+2+2 (12)

Self-centering chuck with 12 jaws linked two by two for machining of big diameter deformable components like thin wall rings

With simultaneous self-centering action of the 12 jaws linked two by two in order to obtain a concentric clamping without structure traversing. The jaws are equipped with concentric movement and are linked by couples with the application of the forces along the radial axis. The absence of anomalous resultant forces allows to keep the perfect circularity of the machined component.

- **For alternative use** on not deformable rigid components or of only finishing operations, balanced two by two action can be nullified and make the 12 jaws self-centering by a manual or automatic device.
- **Control** by hydraulic with one piston and distributor with 2 manifolds +1 recovery.
- **Protected guides.** With oil wiper packing to eliminate impurities on jaw guide surface.
- **Forced lubrication.** Lubrication and cleaning of all ways are assured by a manifold inserted in the rotating distributor.



Optional devices

This type of GD SELF-CENTERING LARGE DIAMETER CHUCK can be equipped, on request, with following devices:

- **Mechanical devices with balancing mass** to compensate centrifugal force.
- **Insert steel guides**, hardened and ground.
- **Jaws quick shifting system.**
- **ELECTRONIC CONTROL** total clamping force.
- **ELECTRONIC CONTROL** single jaw clamping force.

On request we can study customized solutions. Non-binding data/sketches, subject to modifications or technical improvements

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