



GD-I 2+2+2

GD LARGE DIAMETERS

Self-centering chuck
with 6 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 aro. 600 kN
- Clamping stroke control device

LARGE DIAMETERS

GD-I 2+2+2

Self-centering chuck with 6 jaws linked two by two for machining of big diameter deformable components like thin wall rings

With simultaneous self-centering action of the 6 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 for only finishing operations, balanced two by two action can be nullified and make the 6 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 arranged, 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

ROTOMORS S.p.A.

Via A. Maserati già Via S. Paolo, 62/64
10095 Grugliasco - Torino (Italy)
☎ +39 011 78 57 57
info@rotomors.com

ROTOMORS FRANCE Sarl

7, Zone Artisanale Beptenoud Nord
38460 Villemoirieu (France)
☎ +33 4 741825 22
info@rotomors.fr

ROTOMORS GmbH

Albert-Einstein-Str. 2
70806 Kornwestheim (Deutschland)
☎ +49 7154 816 04 60
info@rotomors.de

