

IDRO-P

AUTOMATIC INDEXING CHUCK

For processing parts
on more axis
by one set-up only

- Sizes achievable
from \varnothing 350
up to \varnothing 2500 mm
- Possibility of indexed
machining in axis
and out of axis
- Strong clamping
for high chips removal

AUTOMATIC INDEXING CHUCK for processing of medium and large sized parts, such as valve bodies, pipe fittings, couplings, cocks and distributors where only one clamping is required, followed by one more cycle automatic indexing



FOR VERTICAL AND PARALLEL LATHES

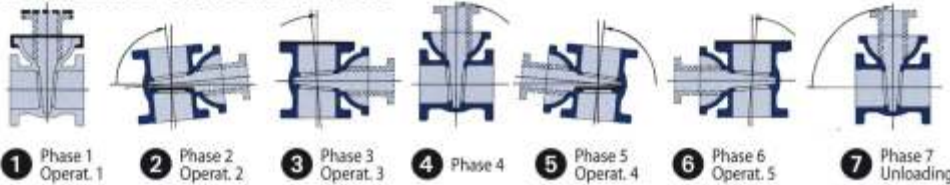
Example of 5 phases cycle and 4 operations for control valves

IDRO-P



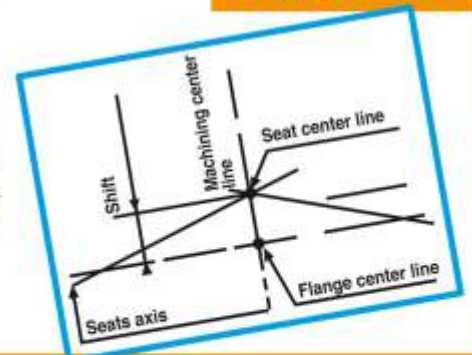
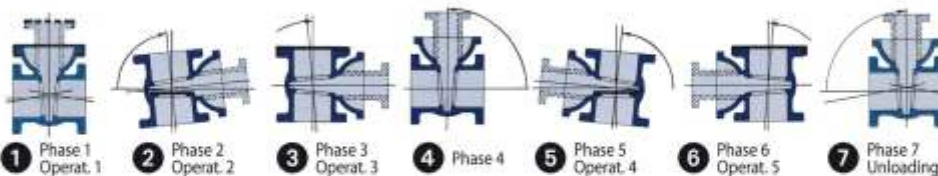
Example of 7 phases cycle and 5 operations for gate valves with seats centers in axis

IDRO-P-AC



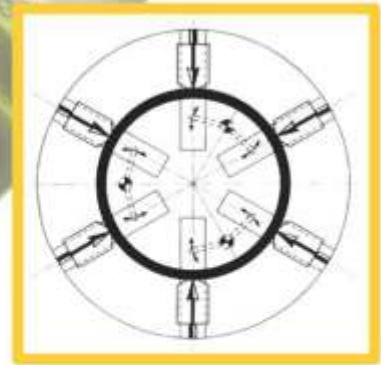
Example of 7 phases cycle and 5 operations for gate valves with shifted seats centers. With off-set by base plate or by jaws level

IDRO-P-DA



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





NR P6 2+2+2

Self-centering chuck
with 6 jaws, linked by 2+2
for machining
of irregular
and thin walled
work pieces

- Sizes from \varnothing 160 mm to \varnothing 800 mm
- Low radial deformation with 2+2+2 clamping
- Control by hydraulic cylinder
- Automatic stroke 30 mm per jaw
- Suitable for horizontal and vertical lathes

NR P6 2+2+2

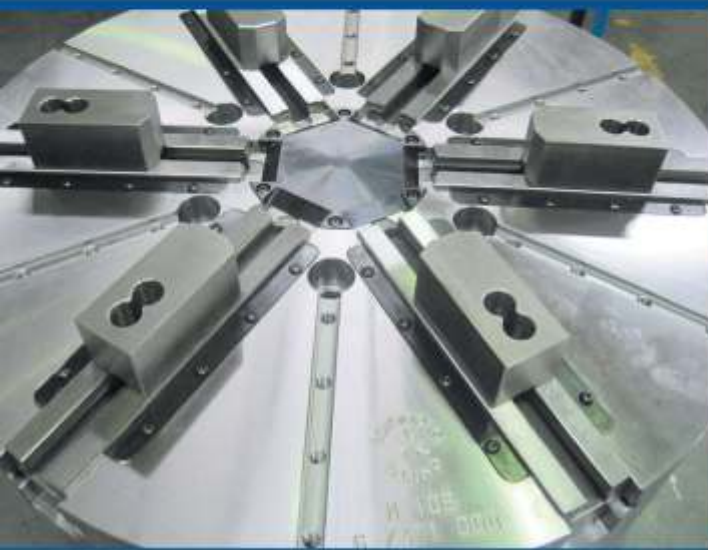
Self-centering chuck with 6 jaws, linked by 2+2 for machining of irregular and thin walled work pieces

The NR P6 equalizing power chucks are ideal for clamping thin walled parts thanks to the low radial deformation of the 2+2+2 clamping for both horizontal and vertical machining applications.

- For alternative use or 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 distributor**
- **Steel body**
- **Induction hardened and ground guides**
- **Quick interchangeability of reversible hardened jaws with soft blank jaws**
- **Device for continuous stroke control of cylinder piston**

Standard equipment:

- **6 jaw chuck**
- **1 set soft top jaws**



Optional devices

This type of **SELF-CENTERING CHUCK** can be arranged, on request, with following devices:

- **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
- **Mechanical devices with balancing mass** to compensate centrifugal 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

