



CHUCK

Dual Lock Chuck DL200 series

2-Way gripping

Unbelievable versatility with the ability to grip anything you want



● Increased gripping options

KITAGAWA introduce the worlds 1st chuck with two stage gripping action.

Parallel jaw clamping with secondary pull back action for work seating.

Jaws do not protrude in the Z Axis unlike conventional pull back chucks. This allows for improved gripping on difficult areas.

The gripping range is extended up the chuck OD allowing a wider range of workpieces to be machined.

DL series contributes to improve the productivity by applying flexible chucking for various operations.

● Ideal for volume production machining

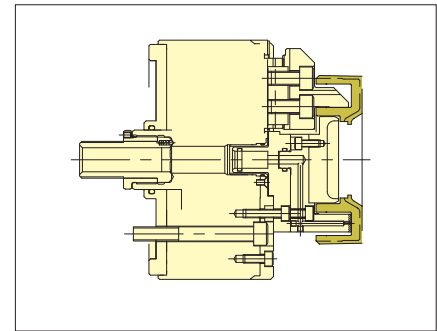
Dust proof sealed body design for long life. Suitable for automation and volume production.

● Easy jaw forming

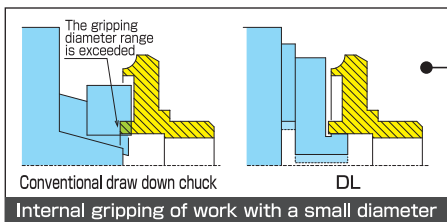
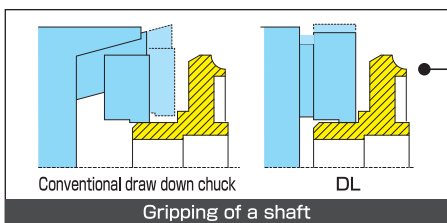
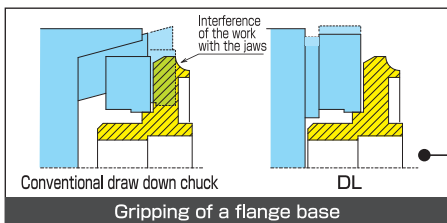
Serrated Jaws are used allowing for easy jaw forming by customer.

* CE correspondence

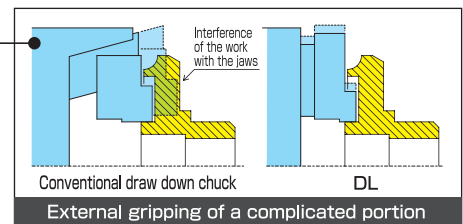
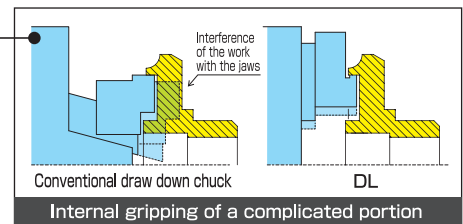
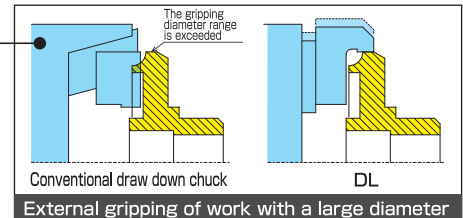
Gripping Example



Example



Possible gripping position
■ DL chuck
■ Conventional draw down chuck



Precautions for operation

1. Attach a work to a locator before gripping.
2. Do not use the chuck with a T-nut protruded from a master jaw end face.
3. When changing the method for gripping an inner diameter of the work from an outer diameter of the work, remove a cover in order to rotate the master jaw 180-degree.
4. A work pulling quantity varies by gripping conditions such as the gripping diameter of the work, stiffness of each jaw, jaw gripping height, etc. If the work will be deformed due to over-pulling of the work or vice versa, it is necessary to adjust parts or replace them. In this case, confer with our company.

5. To obtain a stable gripping and adequate pulling of the work, set jaws low.
6. For additional machining to the chuck end face, a pin hole level is acceptable. Take care so as not to pass through the cover.
7. For locator mounting tap of DL206, use a cover mounting tap.
8. When using optional jaws for DL206 and DL210, the additional machining of jaws may be required.
9. Optional jaw of DL210 is SB12A1 of 12-inch. Take care so as not to use a wrong type of the jaw.
10. Refer to the amounts below for Jaw Stroke (one side) from the gripping position to the unclamping position.
DL206 : 0.7mm, DL208 : 0.8mm, DL210 : 1mm, DL212 : 1mm
11. Confer with our company about other unclear points.