



## KITAGAWA-NORTHTECH DELIVERS SUPERIOR PRODUCTS AND SERVICES THROUGHOUT NORTH AND SOUTH AMERICA

### Standard and Advanced Chucks

With 60 models available, this extensive line-up combines excellence with superior performance.

Quick jaw-change chucks



Large through-hole high speed power chucks  
Closed center power chucks  
Large power chuck for vertical lathes  
Pull lock chucks  
Work grippers

Air chuck with mega through hole



Lever style power chucks  
Mega-long stroke chucks  
Dual lock chucks  
Scroll chucks  
Multi-plate work grippers

Power wing - pull back chuck



Counter balanced power chucks  
Air-operated self-contained chucks  
Finger chucks  
Independent chucks



1 Jaw mega long stroke chuck

Stabilize your chuck's grip force and precision with these tools!

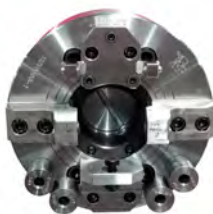
Wireless Grip Force Meter  
New Chuck Jaws  
Chuck EEZ



### Custom Engineered Solutions

Utilizing the latest in NX software, our in-house staff of highly skilled engineers will deliver game changing solutions to solve your most difficult machining challenges.

Our team will identify deficiencies in your current workholding in relation to part drawings, the machine used and production specs. Through diagnostic channels, a custom engineered solution will be developed to match or exceed expectations.



### Hydraulic Steady Rests

Wide range of the most reliable steady rests in the market.

FRU-Series



GHS - cylinder, camshaft and camlobe grinding  
VLHS - Extra wide opening top arm for vertical loading  
FRUAB - grip range 20mm - 630mm  
HEAVY DUTY - heavy components up to 40 tons

FRUAB-Series



CS - compact to fit smaller machines  
FRUA - grip range 4mm - 800mm  
KRHS - crank shaft machining  
KRSHS - crank shaft machining, side mounted actuator

FRUB-Series



FRU - grip range 4mm - 800mm  
FRUB - grip range 8mm - 630mm  
FRUN - grip range 6mm - 630mm

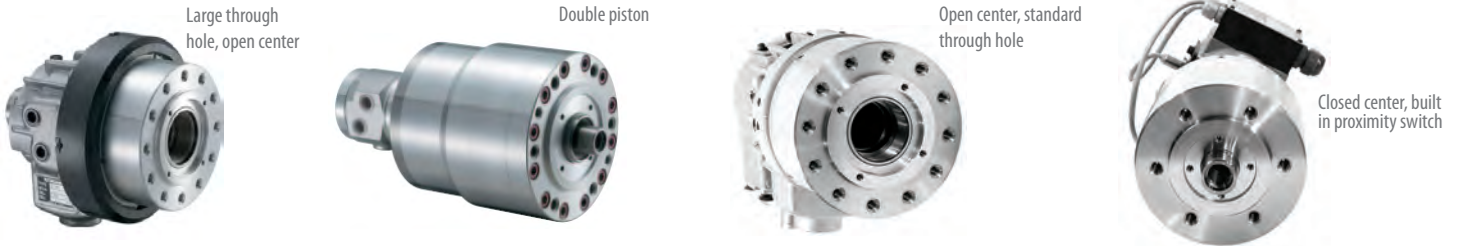
VLHS-Series





## Hydraulic Cylinders

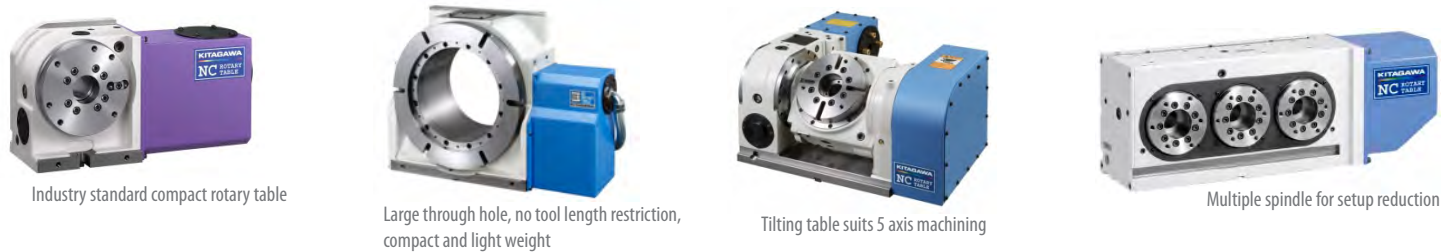
Exclusive for Kitagawa chucks, these industry standard cylinders are recognized for unmatched performance and quality.



Many builds are available for your specific machining needs like: large through-hole, compact and standard, high speed, double piston, closed center, high speed air cylinders and stationary.

## Rotary Tables

Proven as the leader in rotary table technology - high torque, high accuracy and high rigidity - ultimate performance!



## Custom Tombstone Fixtures

Greatly enhance productivity and performance!



Kitagawa-NorthTech's in-house engineers design custom advanced fixtures to help manufacturers meet tough throughput and machining demands.

## Specialty Programs

Our specialty programs extend further into the machining operation than just progressive workholding solutions. Our mix of strategic consulting, in-house engineering capabilities and comprehensive support services continue to help machine shops thrive and grow!



Learn more!