

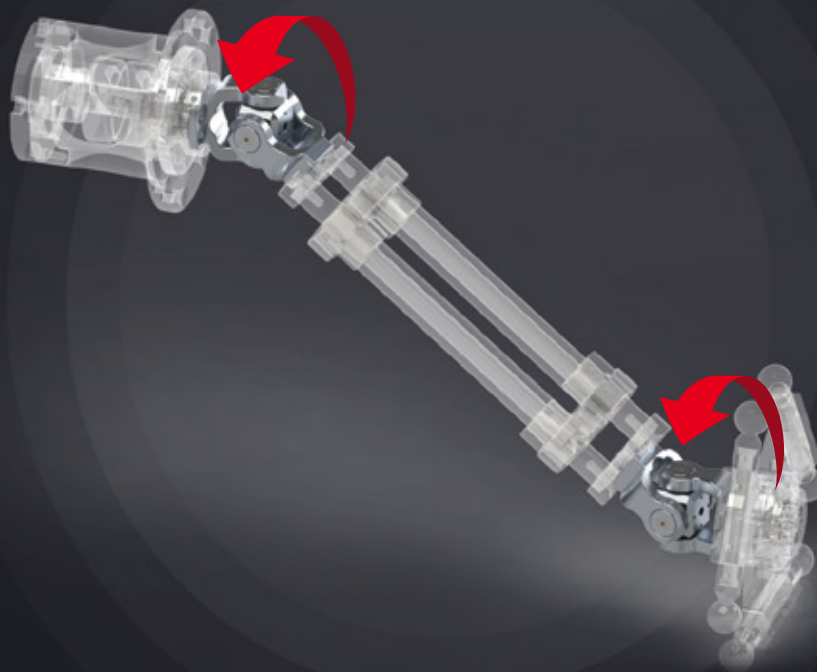
Atom-HJ

UNIVERSAL JOINT

Zero backlash transmission

Max torque 140N.m

Accuracy keeping 9000h



- ❑ Universal joint is the the transmission assembly developed for high speed parallel robot' s intermediate shaft it is used to realize variable-angle rotation transmission, and to smoothly transmit the rotation of the motor to the dynamic platform
- ❑ According to the actual working conditions, the material, structure, processing, assembly and other links are continuously optimized, so that it has an excellent load-to-weight ratio and realizes zero backlash throughout the service life
- ❑ Overall modular design, small structure, easy installation, suitable for continuous reciprocating rotation scene

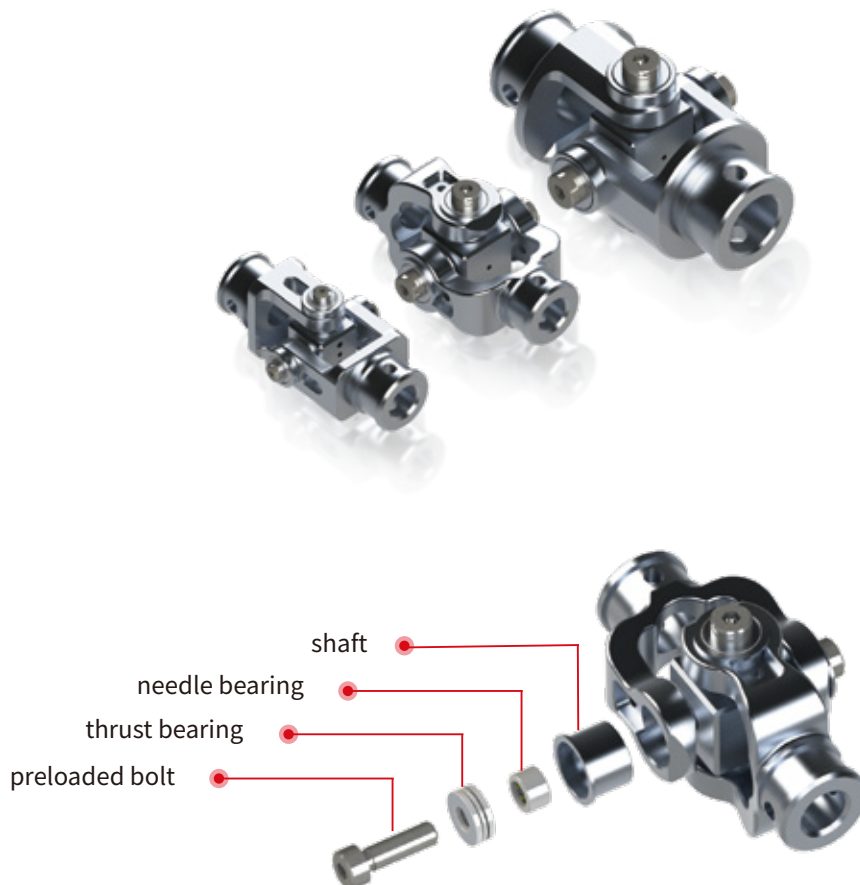
Model and symbol

HJ	M	01
series	Model	No.
HJ	M:detachable	01:Low load
	S:cross bearing	02:Medium load
	Y:pressed bearing	03:Heavy load

HJ-M SERIES

Product advantages

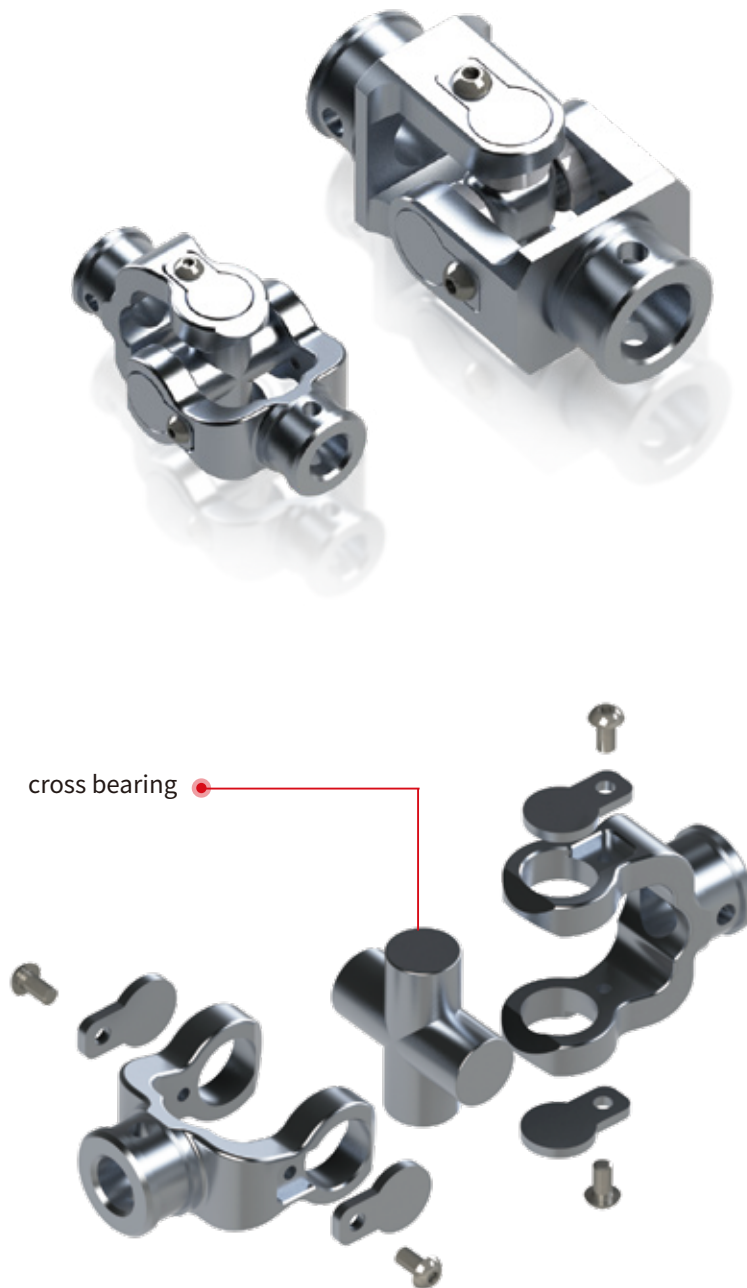
- ❏ Detachable design:easy to replace bearing and other components, low maintenance cost
- ❏ Adjustable preload:Combined bearing with adjustable mechanism, adjust the preload according to the usage conditions, taking into account the life and precision
- ❏ Pin connection:The master and slave parts are connected by pins, and the torque transmission is reliable



HJ-S SERIES

Product advantages

- Simple structure:Using cross bearing as the core rotating part, simple structure, high stability
- Heavy load:Allows for thicker shaft designs for greater loads with the same external dimensions
- Pin connection:The master and slave parts are connected by pins, and the torque transmission is reliable



HJ-Y SERIES

Product advantages

- High precision: Adopt high-precision bearings and interference assembly process to ensure long life and zero backlash
- Simple structure: Compact structure, simple appearance, high cost performance
- Bolt connection: The master and slave parts are connected by bolts, easy replacement

