



This compact gripper proposes long stroke and large gripping forces. It is particularly adapted for the applications requiring long gripping fingers.

 Feature

CH10Y	
Course	40 mm
Air consumption	8000 mm³
Function	Double effet
Max cycle per minute	60 cycles
Gripping force*	105.000 N
Weight	1.100 kg
Max. weight of one attachment	0.350 kg
Type	Parallel 2 jaws

 Operating conditions

Working media	Filtered air
Operating pressure	3 to 7 bar
Working temperature	5 to 60°C
Lubrication	Normally not required (but if necessary, use ISOVG32 compliant lubricant)
Repeatability*	Initial value : ± 0.1 mm, after 2 million cycles : ± 0.2 mm
Lifetime	2 million cycles (with balanced load on each finger)

# PARALLEL TYPE CUBE GRIPPER, STROKE FROM 6 TO 60MM

\*The values of gripping force in the above table indicates pressure at the top edge of the fingers when gripping with pressure of 5 bar.

**Notice :** The provided technical data are the higher limits recommended in static condition. To obtain the correct dimensioning of the product, it is necessary to hold account of all the applicable dynamic forces, including the inertia of the manipulator, the configuration of the tools and the external forces applied.

Our wide range of 2-jaws parallel grippers can be used for chucking extremely small parts to biggest ones. Indeed, NKE 2-jaws grippers are available in various sizes, gripping forces and strokes.

The CH10 Series offers 5 gripper models providing two jaws positions (axial and radial). These grippers come with integrated dust protection (rubbing seal) and allow dust cover installation to enhance protection level. Position sensors may also be mounted on the unit body.



## Advantages

Compact-Lightweight-Fast

Silent mechanism

Quick and simple integration

Large opening angle

Position sensors



## Benefits

No maintenance

Very short cycle time

Excellent power/volume ratio

Low air consumption



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