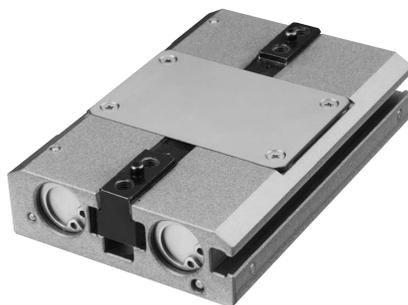


HLD Series **Extra-Thin Parallel Hand**

Thinnest High Rigid Body and High Grip Force

Key Features

- Extra-thin design via double-twin-cylinder
- 4 cylinders provide high grip force.
- T-jaw slot provides higher withstand load



HLD-12AS

How To Order

Standard ----- **HLD-08AS**

Option ----- **HLD - 08AS - ET2S2 - Z**

Size	Sensor, Quantity				Option
Symbol	Name	Symbol	Name	Symbol	Name
08AS					
12AS					
16AS					
20AS					
	ET3	Non-Contact 3-Lead	S1	1	Sensor
	ET3L	Non-Contact 3-Lead	S2	2	Sensors
	ET2	Non-Contact 2-Lead			
	ET2L	Non-Contact 2-Lead			
	Z				Special Type (Custom)

For sensor detail ▶277P

Specification

Model	HLD-08AS	HLD-12AS	HLD-16AS	HLD-20AS
	For Layout Drawing ▶159P	For Layout Drawing ▶159P	For Layout Drawing ▶160P	For Layout Drawing ▶160P
Working Pressure	Pneumatic: 0.2 to 0.7MPa			
Lubrication	Not Required or Turbine Oil Class 1 (ISOVG32)			
Ambient Temperature (°C)	5 to 60			
Total Jaw Stroke (mm)	12	16	20	30
Cylinder Diameter (mm)	dia.8×4	dia.12×4	dia.16×4	dia.20×4
Internal Volume [Reciprocation] (cm ³ /time)	3.2	7.8	19.8	43.3
Repeatability (mm)	±0.01			
Weight (kg)	0.23	0.29	0.62	1.05