

NHN Invisible Door Hardware

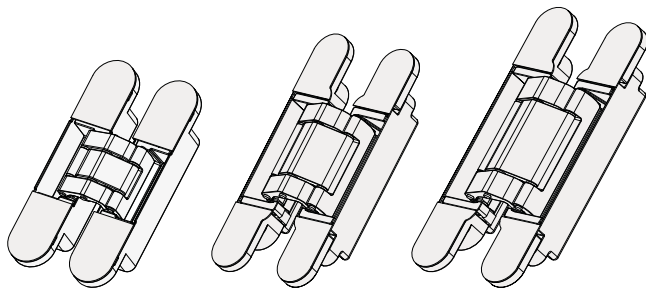


Hidden Door Hinge / Concealed Door Closer

Lineups

NHN KT3D series

Hidden Door Hinge

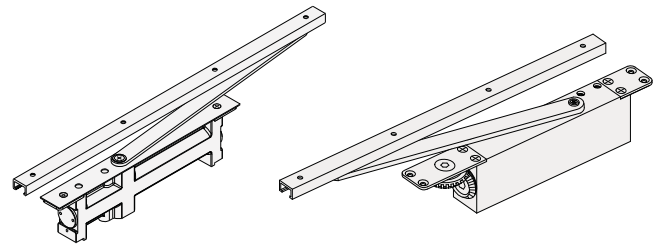


- Concealed into door and door frame.
- 3-D adjustability : Horizontal, vertical and depth.
(KT3D-140: $\pm 2\text{mm}$, $\pm 2.5\text{mm}$ and $\pm 1\text{mm}$)
(KT3D-199/200: $+3\text{mm}/-2\text{mm}$, $\pm 3\text{mm}$ and $\pm 1\text{mm}$)
- Opening angle : 180 degrees
- Non-handed, can be used for right/left-opening doors.
- Body: Special zinc alloy, Arm: Aluminum

Model	KT3D-140	KT3D-199	KT3D-200
Use	Interior only		
Door Size (Max)	900 x 2400 mm (35.4 x 94.5")	1000 x 2400 mm (39.4 x 94.5")	1200 x 2400 mm (47.2 x 94.5")
Door Thickness (Min)	Wood : 40 mm (1.6") Steel : 36 mm (1.4")	Wood : 55 mm (2.2") Steel : 50 mm (2")	
Door Weight (Max) With 2 hinges	60 kgs. (132 lbs.)	105 kgs. (231 lbs.)	160 kgs. (352 lbs.)

NHN 1600U-M / NHN 495 series

Concealed Door Closer



- Slim body, stylish, high quality and performance.
- Concealed into door and door frame
- Dual speed adjustability (closing and latching speeds)
- Standard hold-open function
- Adjustable opening angle and hold-open position
- Aluminum body
- Non handed, can be used for right/left-opening doors.

Model	1628U-M	1638U-M	495
Use	Interior only		
Applicable Door Width	550 - 850 mm (21.7 - 33.5")	750 - 950 mm (29.5 - 37.4")	550 - 1100 mm (21.7 - 43.3")
Minimum Door/Frame Thickness	For standard installation		Door : 49 mm (1.93") Frame : 40 mm (1.57")
	For reverse (top jamb) installation		Door : 40 mm (1.57") Frame : 49 mm (1.93")
Applicable Door Weight	25 - 40 kgs. (55 - 88 lbs.)	40 - 60 kgs. (88 - 132 lbs.)	30 - 100 kgs. (66 - 220 lbs.)

