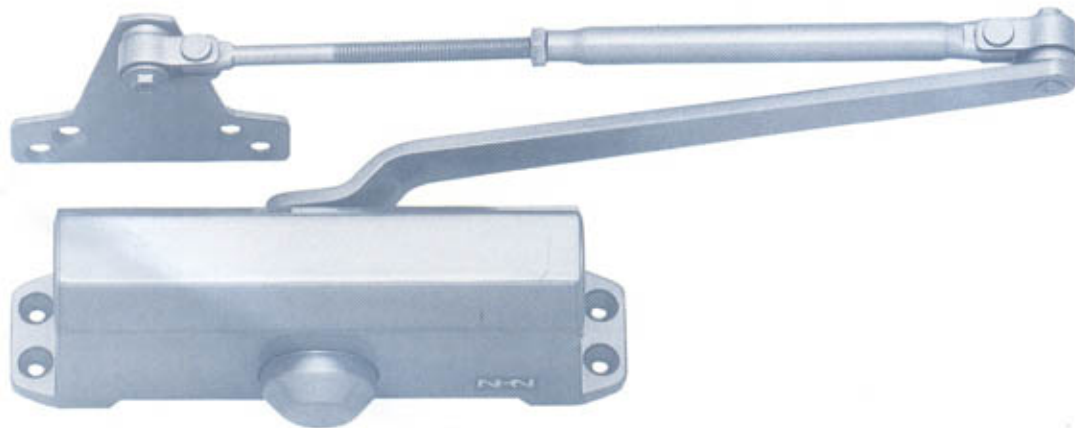


# Wider application range

## Pioneer in Rack and Pinion Closer.

A new door closer from Daihatsu, the pioneers in rack and pinion closer development since 1939. After over 20 years of success throughout the world with conventional door closers, Daihatsu are proud to introduce their new 510 series, a slimline closer incorporating the latest production technology.  
Available in a range of 4 sizes covering door weights up to

85kg, 2 body sizes simplify template fixing, while the slim design is eminently suitable for use on metal frame doors where fixing space is restricted.  
A full selection of functions is available in each size and the slim aluminium body incorporates the well proven NHN dual speed control system.



### Features

- New peripheral-cam hold-open mechanism.
- Twin door speed controls with separate regulating screws.
- Constant closing speed assured by automatic temperature compensator.
- Adjust the hold-open angle with a single bolt.
- Ideal for doors with narrow top rails.
- For use with wooden or metal doors.
- Easy to install, with card template and installation instructions.
- Reversible for left and right hand.
- Specify finish: silver (No. 005), ivory (No. 002), brown (No. 011) and black (No. 014). A range of colours is also available.

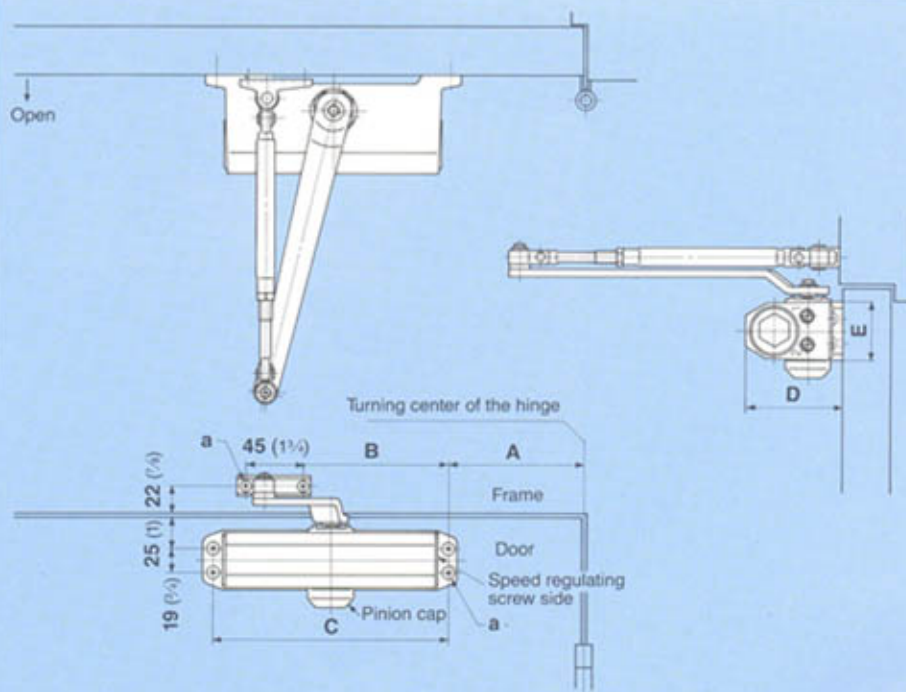
### Selection Chart

Approximate Width and Weight of Door				For Regular and Top Jamb Installation		For Parallel Arm Installation	
Width		Weight		Regular	Hold open	Parallel	Parallel Hold Open
mm	inch	kg	lbs				
800 × 1,800	31 × 71	40	88	511	511S	511P	511PS
900 × 2,100	35 × 83	50	110	512	512S	512P	512PS
950 × 2,100	37 × 83	65	143	513	513S	513P	513PS
1,050 × 2,400	41 × 96	85	187	514	514S	514P	514PS

\*These products are being constantly improved, and specifications are subject to change without notice.  
These products are designed for use on doors in ordinary building construction. If they are to be used for special applications, consult the manufacturer. Further, if the door closer is to be installed on doors which are exposed to strong winds, or on doors which are extremely tall or heavy, use the next larger closer size than the one shown above.  
A door stop should be fitted to prevent the door from opening back too far and damaging the wall.

## Non Hold-Open Regular Arm Application

This is the standard application where the closer is fitted to the door on the opening face and is generally used on internal doors. The closer is fully reversible.



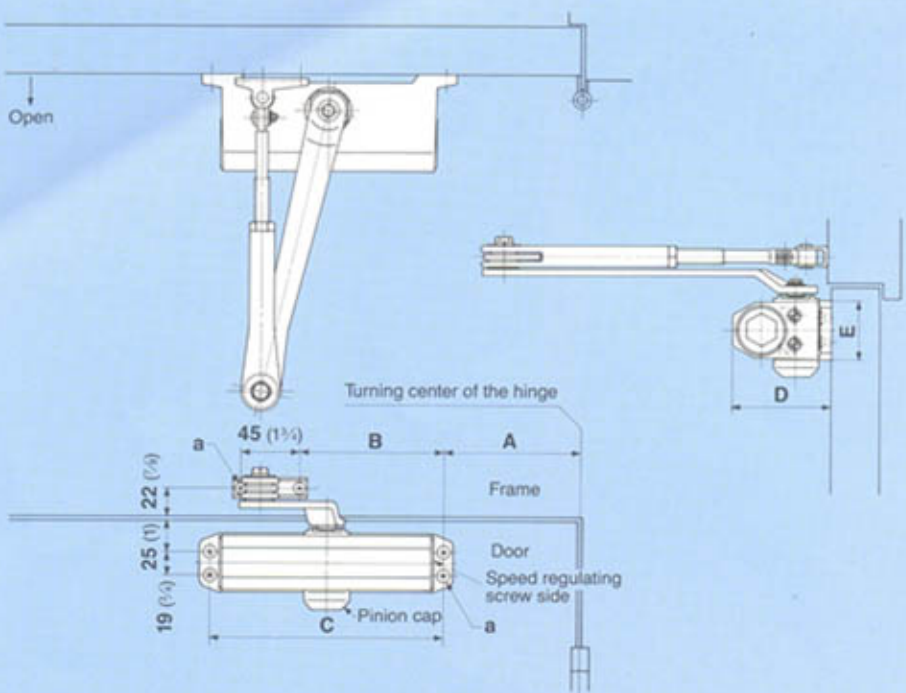
Dimension Chart

TYPE	Unit	A	B	C	D	E	Diameter of hole	
							a	
No. 511	mm	76	107	178	75	46	a	5.5
No. 512	inch	3	4 <sup>1</sup> / <sub>2</sub>	7	2 <sup>11</sup> / <sub>16</sub>	1 <sup>13</sup> / <sub>16</sub>		7/32
No. 513								
No. 514	mm	86	132	208	74	46	a	6.5
	inch	3 <sup>3</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	1 <sup>13</sup> / <sub>16</sub>		1/4

## Hold-Open Regular Arm Application

For use in similar locations to the regular arm, the hold-open arm is fitted with a unique cam hold-open device which is easily adjustable to allow the door to be held open in any position up to 135°. It can be engaged or disengaged with little effort.

When needed, the fusible link can be used in conjunction with the hold-open device. It is easily installed and is used on fire doors to retard the spread of fire and smoke.



Dimension Chart

TYPE	Unit	A	B	C	D	E	Diameter of hole	
							a	
No. 511S	mm	76	107	178	75	46	a	5.5
No. 512S	inch	3	4 <sup>1</sup> / <sub>2</sub>	7	2 <sup>11</sup> / <sub>16</sub>	1 <sup>13</sup> / <sub>16</sub>		7/32
No. 513S								
No. 514S	mm	86	132	208	74	46	a	6.5
	inch	3 <sup>3</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	1 <sup>13</sup> / <sub>16</sub>		1/4