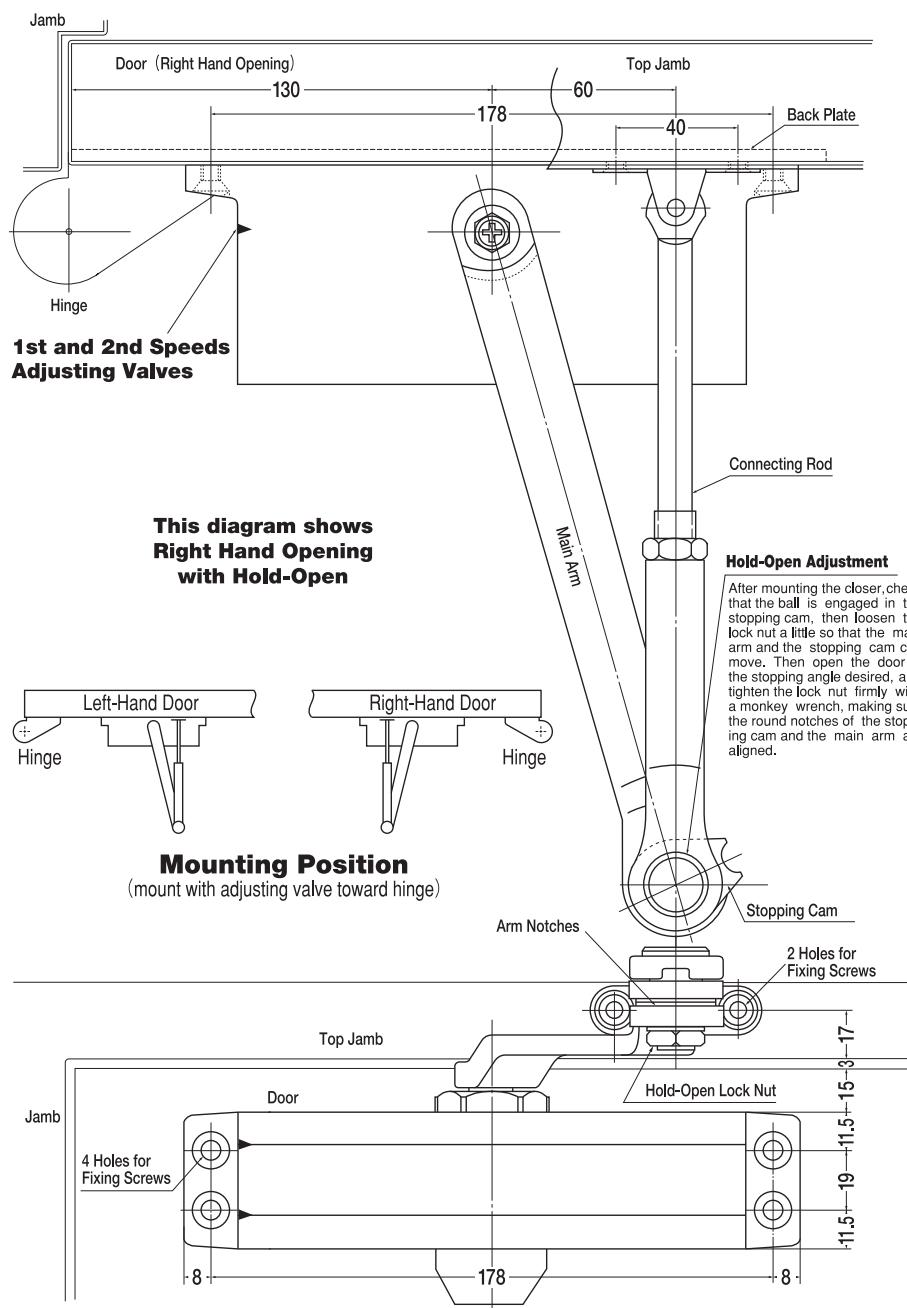


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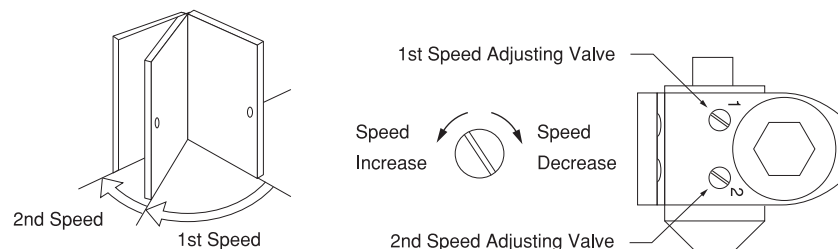
SINCE 1919

DOOR CLOSER 81•181 Standard Instalation Diagram



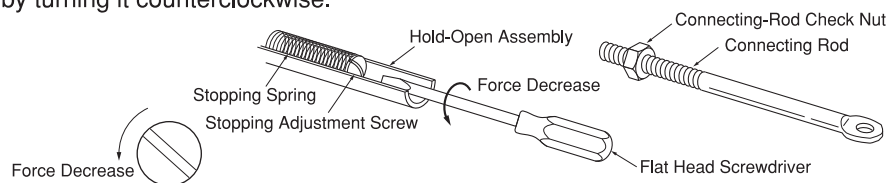
●1st and 2nd Speeds Adjusting Valves

Trouble-free adjusting of speeds by simply turning the speed adjusting valves to the left or right.



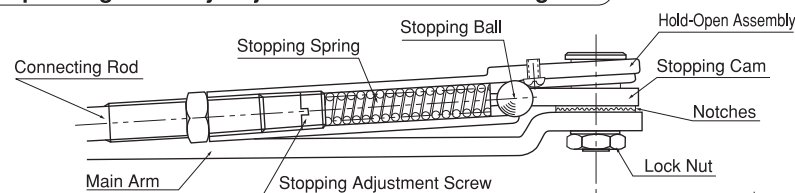
●Hold-Open Force Adjustment

Hold-open force is factory set at maximum. To reduce the force, unscrew the connecting-rod check nut and detach the connecting rod from the hold-open assembly, then gradually adjust the stopping adjustment screw within the casing by turning it counterclockwise.

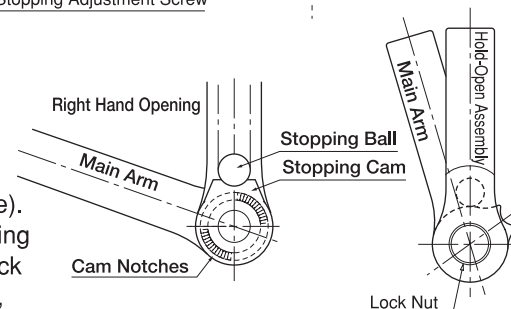


●Hold-Open Adjustment

Hold-Open Angles Freely Adjustable from 70 to 120 Degrees



After mounting the closer, check that the ball is engaged in the stopping cam, then loosen the lock nut a little so that the stopping cam can be released from the stay (the triangular plate). Then open the door to the stopping angle desired, and tighten the lock nut firmly with a monkey wrench, making sure the round notches of the stopping cam and the stay are aligned.



NIPPON DOOR CHECK MFG. CO., LTD.