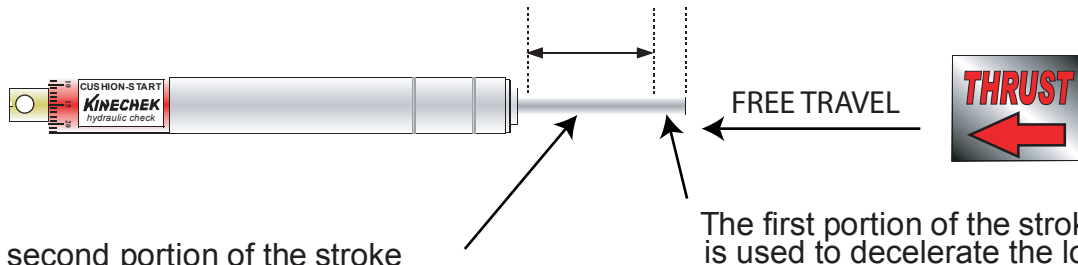


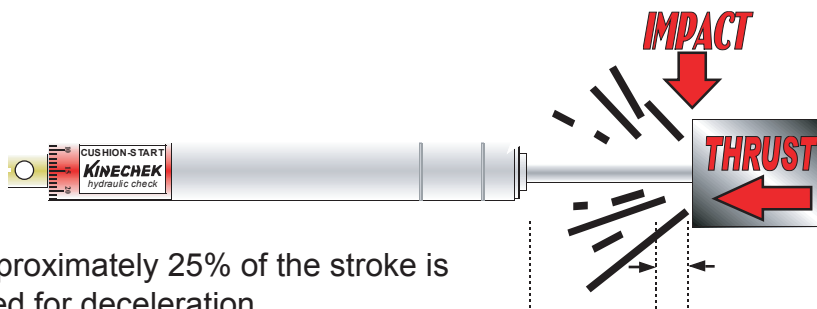
CUSHION-START KINECHEK



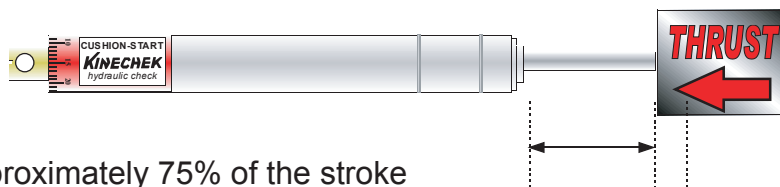
The Cushion-Start Kinechek is a combination Cushioneer impact absorber and Kinechek speed regulator. It is designed for applications where the speed of the free travel imparts an impact force beyond the capacity of the Kinechek.



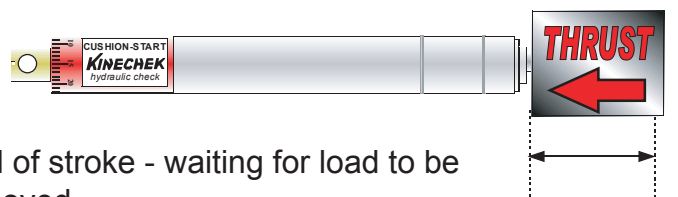
The second portion of the stroke maintains a smooth, constant feed rate.



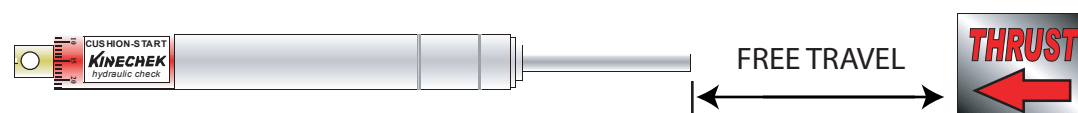
Approximately 25% of the stroke is used for deceleration.



Approximately 75% of the stroke maintains a constant rate of motion.



End of stroke - waiting for load to be removed.



At the end of the stroke, the rod automatically extends instantaneously as the load is removed and awaits the next impact.