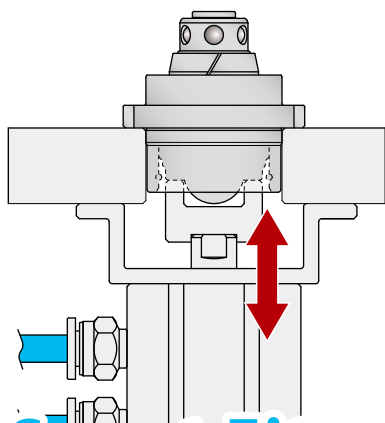


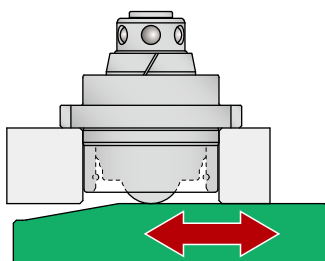
Smart Series

Powered by Any Power Source

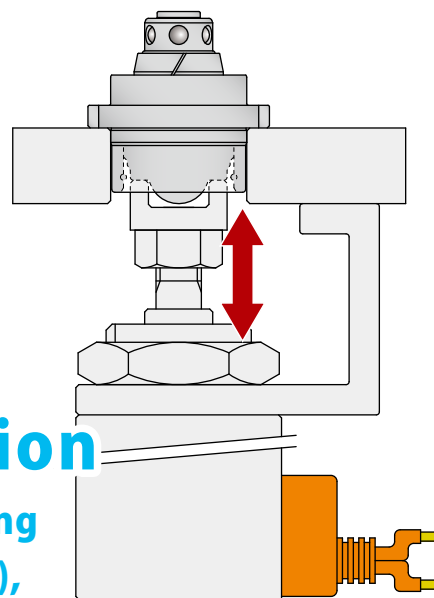
Air Cylinder



Mechanical



Electrical Cylinder



Smart Fit on Any Application

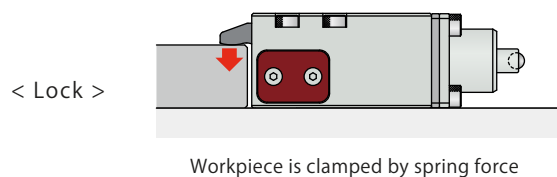
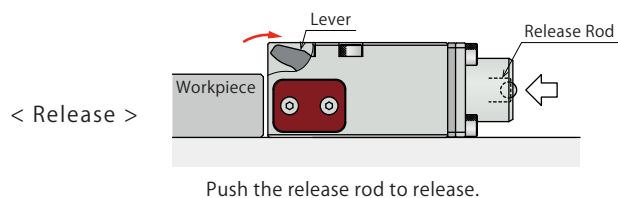
Solution for various issues such as Energy Saving
(No Hydraulic / Air Pressure, No Driving Source),
All Electric System, Carbon Neutrality, SDGs, etc.



NEW Reach Clamp

model **KSR** Spring Lock / External Force Release

The lever clamps a workpiece. The lever is fully retracted when released allowing for easy loading/unloading of workpieces.
Clamping Force : 13N



NEW Two-Jaw Chuck

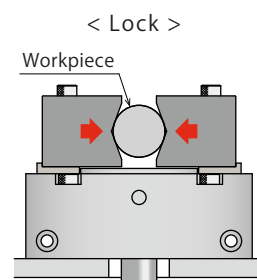
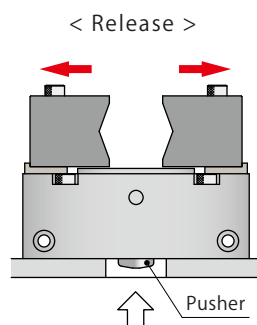
model **KSC** Spring Lock / External Force Release

Holds and Centers Workpiece

Repeatability (Slider Direction) : ± 0.01 mm

※ Exclusively designed for closing side only.

Not capable of clamping the opening side by external force.



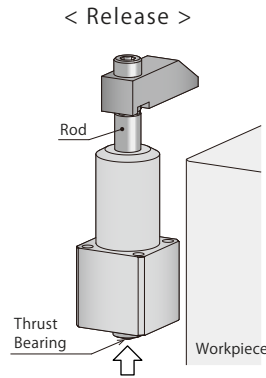
※ This product has no function that prevents contaminants. Do not use under environment with coolant or cutting chips.



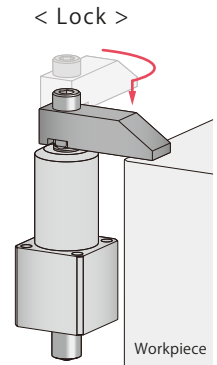
NEW Swing Clamp

model **KSS** Spring Lock / External Force Release

The lever descends as it swings to clamp a workpiece.
Swing Complete Position Repeatability : $\pm 1^\circ$



When the thrust bearing is pushed in, the rod ascends.



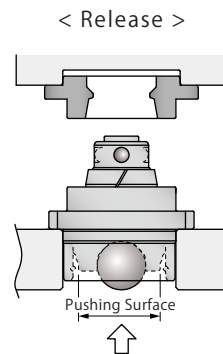
When pushing is released, the rod swings and descends to clamp a workpiece.



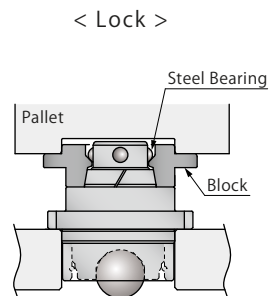
Location Clamp

model **KSL** Spring Lock / External Force Release

Enables easier pallet change and setup.
Locating Repeatability : 0.01mm
Clamping Force : 50N



When the pushing surface is pushed in, the steel bearing retracts.



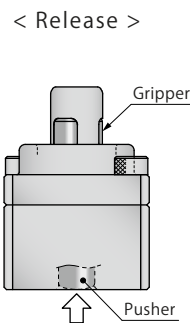
When the pushing surface is released, the steel bearing expands with the built-in spring. It pulls in the block, and completes the clamping / locating.



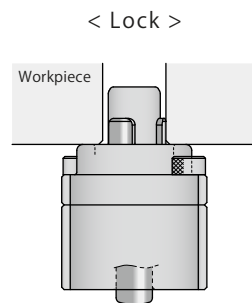
Hole Clamp

model **KSH** Spring Lock / External Force Release

Gripper expands and clamps in the workpiece hole.
KSH (Standard) : without Pulling Function
NEW KSH-P : with Pulling Function



When the pusher is pushed in, the gripper retracts.



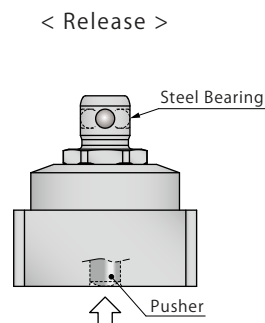
When the pusher is released, the gripper expands with the built-in spring and grips a workpiece.



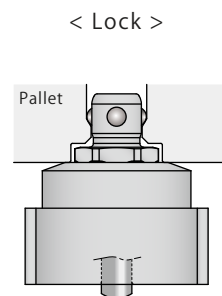
Ball Lock Cylinder

model **KSA** Spring Lock / External Force Release

Securely transfers pallets and plates.
Prevents pallet/plate drops with the steel balls (Ball Lock).
Pulling Capacity (Holding Force) : 50N



When the pusher is pushed in, the steel bearing retracts.



When the pusher is released, the steel bearing expands with the built-in spring and holds a pallet.