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Patented Self-Locking Guns Specification Sheet

Self-locking mortise and tenon guns covered by Chinese utility model patents 202321498230.6 and 202321512117.9

Four models built on our own patented self-locking mortise and tenon plunger. The locking geometry converts more of the squeeze into dispensing force than a conventional rod and plate, which is how a 400-465 g gun reaches 150 KG push force. JS8630 and JS8631 are the bottle and sausage versions; the -2 models add a thickened plunger.

JS-8631 Patented Self-Locking Structural Adhesive Gun (Designed for Sausage-Packaged Structural Adhesives)

The sausage-pack member of the patented family: 120 KG push force at 25:1 from a 460 g gun, with a 150 KG plus or minus 5 KG structural tolerance. The barrel is modified reinforced polypropylene rated to 65 KG, with a glossy centre section for grip and a transparent section so the operator can see the adhesive level.

Specification	Value
Net Weight	460g
Packing	2PC/ poly bag, 32pcs/ CTN
Color	blue, or customized
Carton Size	50*46*54
Push Force	120KG
Maximum Tolerance	150KG±5KG
Drive Ratio	25:1
Capacity	Designed with exceptional structural strength, it can withstand loads of up to 150KG, ensuring robust performance
Material	Constructed from modified reinforced polypropylene, the gun body exhibits enhanced durability, especially the plastic tube part, which can withstand pressures of up to 65KG
Barrel	The middle portion of the plastic tube undergoes a glossy treatment, providing an excellent grip during use
Application	The transparent plastic tube allows users to observe the degree of silicone application, facilitating monitoring of the application process
Colour options	blue, or customized
Packing	2PC/ poly bag, 32pcs/ CTN
Minimum order	2000pcs customised

Full details: <https://www.jinshenghardware.net/products/js-8631-patented-self-locking-structural-adhesive-gun.html>

JS8630 Patented Self-Locking Glass Adhesive Gun (Designed for Bottle-Packaged Glass Adhesive)

The bottle-pack member of the patented family: a self-locking mortise and tenon plunger delivering 120 KG push force from a 400 g gun at 20:1, with a 150 KG plus or minus 5 KG structural tolerance. The frame is a sturdy four-point weld, the handle is enhanced polypropylene and rotates through 360 degrees.

Specification	Value
Net Weight	400g
Packing	1PC/ poly bag, 20pcs/ CTN
Color	White, Yellow, or customized
Carton Size	52*24*23
Push Force	120KG
Maximum Tolerance	150KG±5KG
Drive Ratio	20:1
Colour options	White, Yellow, or customized
Packing	1PC/ poly bag, 20pcs/ CTN
Minimum order	2000pcs customised

Full details: <https://www.jinshenghardware.net/products/js8630-patented-self-locking-glass-adhesive-gun-designed.html>

JS8630-2 Patented Self-Locking Thickened Plunger Glass Adhesive Gun (Designed for Bottle-Packaged Glass Adhesive)

The thickened-plunger version of the JS8630, and the best force-to-weight figure in the catalogue: 150 KG push force from a 405 g gun, with a 180 KG structural tolerance at a 16:1 thrust ratio. Four-point welded frame, modified reinforced polypropylene handle, 360-degree rotation, and a robust alloy mechanism.

Specification	Value
Net Weight	405g
Packing	1PC/ poly bag, 40pcs/ CTN
Color	White, Yellow, or customized
Carton Size	94*48*48
Push Force	150KG
Maximum Tolerance	180KG
Drive Ratio	With 16:1 thrust ratio, this caulking gun ensures efficient application and high productivity
Capacity	Engineered for robustness, it can withstand structural loads of up to 180KG, ensuring reliable performance
Colour options	White, Yellow, or customized
Packing	1PC/ poly bag, 40pcs/ CTN
Minimum order	2000pcs customised

Full details: <https://www.jinshenghardware.net/products/js8630-2-patented-self-locking-thickened-plunger-glass.html>

JS8631-2 Patented Self-Locking Thickened Plunger Structural Adhesive Gun (Designed for Sausage-Packaged Structural Adhesives)

The thickened-plunger sausage model: 150 KG push force at 20:1 with a 170 KG structural tolerance, in a 465 g gun. Barrel is modified enhanced polypropylene rated to 65 KG with a glossy grip section and a transparent window, and the gun carries thick alloy components and the latest-generation handle.

Specification	Value
Packing	2PCS/ inner box, 32pcs/ CTN
Color	blue, or customized
Carton Size	50*46*54
Push Force	150KG
Maximum Tolerance	170KG
Drive Ratio	20:1
Material	Manufactured using modified enhanced polypropylene material, the gun exhibits enhanced durability, particularly the plastic tube portion which can withstand pressures of up to 65KG
Barrel	The middle portion of the plastic tube undergoes a glossy finish treatment, offering grip during usage
Application	The transparent section of the plastic tube allows users to gauge the degree of silicone application, facilitating easy monitoring of the construction process
Colour options	blue, or customized
Packing	2PCS/ inner box, 32pcs/ CTN
Minimum order	2000pcs customised

Full details: <https://www.jinshenghardware.net/products/js8631-2-patented-self-locking-thickened-plunger-structural.html>