

UB4 / UB2 Shot Pins – Internal Hard Stop Enhancement

To meet the needs of our customers, we have enhanced the design of our UB Series Shot Pins with an internal hard stop to ensure end of stroke repeatability without the need for the Double Rod option and external hard stop.

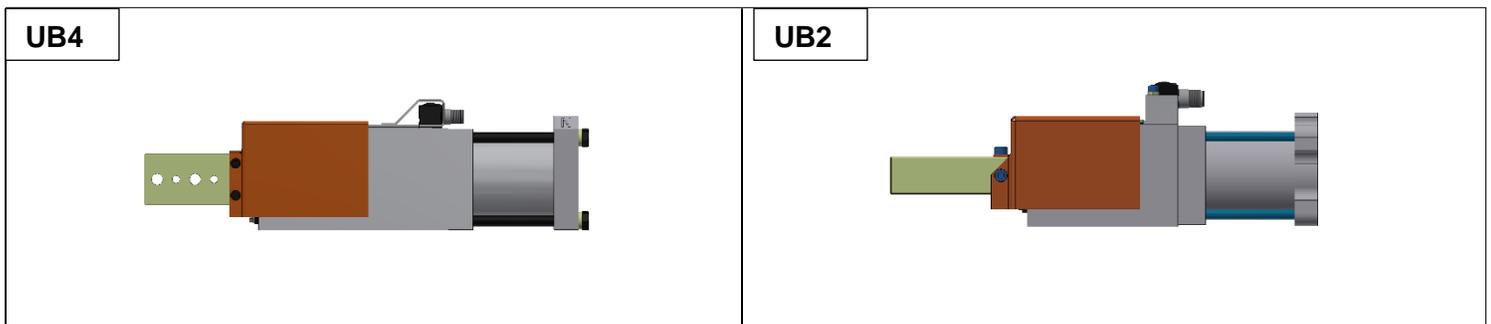
There will not be a price impact for the added functionality of the new internal hard stop. Pneumatic Double Rod external end-stops will still be available. Please contact your sales rep if needed.

Benefits:

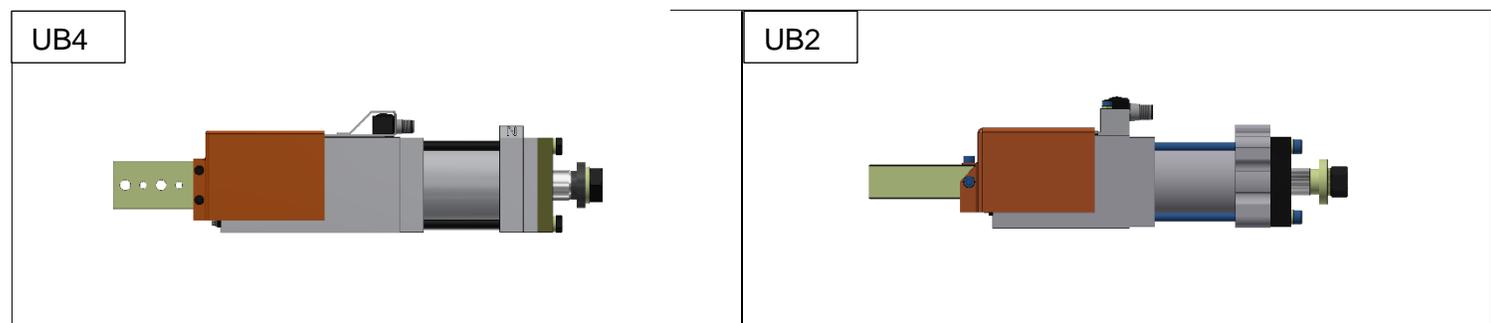
1. You no longer need to order the 03 or 04 Pneumatic Double Rod option.
2. You no longer need to order option E adjustable extend stop, or G fixed extend stop.
3. New internal hard stop is capable of holding $\pm 0.05\text{mm}$ ($\pm 0.002''$) end of stroke repeatability.
4. Space savings is obtained without the Pneumatic Double Rod extension.
5. Rap or Rigid option is available for all models.
6. Under warranty you can still maintain Double Rod option on old units.

Rigid to Rap: Please refer to the UB2 or UB4 Maintenance Manual for the updated Rigid to Rap Changeover process.

After (with new Internal Hard Stop)



Before (without new Internal Hard Stop)



Category	Product	Image	Product Changes Only
Shot Pins			

Service Parts List

Legacy parts are only available as service parts: replacements on existing tooling. Contact Welker for pricing and delivery lead time.

Category	Product prefix	Recommended replacement* or Made to Order (M2O)
Shot Pins	WSPP	
	WSPM	
	WPA	
	SB2	UB2 as a replacement, or SB2 is M2O.
	WP2	UB2 as a replacement, or WP2 is M2O.

*Recommended replacement units are not direct swap-outs for legacy parts.