











Category	Product	Image	Change
Shot Pin	UB2 UB4		Added ball detent option. UB4 shroud changed from 2 to 3 flanges. Added guard for world switches. Discontinued ram options F, H, K.
	WP2 WP4 WP6		WP2: World switch K not available. WP4: shroud changed from 2 to 3 flanges. WP6: new Welker compact cylinders (Parker discontinued cylinder)
	SB2 SB4 SB6		Removed ram options F, H, K. SB4: shroud changed from 2 to 3 flanges
	DB2 DB4 (aka Guided Slides)		DB2 added to product line, 24mm square ram. DB4: added Y shim option (35mm)
	HP5 Bull Pin		No changes
Part Ejectors	UPE SPE MPE		UPE: changed world switch options and tip plate shroud. SPE: no changes. MPE: no changes.
Part Positioners	LST SST MST		LST: changed world switch options and tip plate shroud; added composite side plate option. SST: no changes. MST: no changes.
Pneumatic Slides	P5		Obsolete cylinders options: 02, 05, 08, 11, 14, 16, 17, 19. Added Y shim option (35mm). Duplex cylinders require Smart Stop option B or D.
	R2		Added Y shim option (35mm).
	NL3 WL3		Obsolete cylinder options: 02, 05, 08, 10, 11, 12. Added Y shim option (35mm). Removed no-shroud options: all units must include rail shrouds.

Category	Product	Image	Change
Pneumatic Slides	LP1 LP2		No changes
	CS1, CS2		Discontinued. Replaced with LP1, LP2 slides
	Smart Stop		No changes
Part Presentation Slides	AES		Extrusion slides standardized to AES Series
Compact Lifters	CLM40 CLM50		No changes
Ground Blocks	GB3		Added nose options D and E
	GB2 S02645		GB2 new to product line in 2017. S02645 new in 2018: pivoting GB2
Lockout Pins	BP2 BP4		No changes
	DS3		No changes
Pallet Stop	CMX		No changes
Floating Pins	FP2, FP4		No changes

Category	Product	Image	Change
Pin Clamps	PCS PCT PCM		New Welker cylinders for actuator options B, T. Actuator D is obsolete. Added actuator A to PCT.
	PCY		Increased pin diameter range to 8.00-26.00. Added actuator options R & U, allowing retract cylinder to rotate 90°
	PCZ		Discontinued retract option
Clamps	Tube Clamps		No changes
	Wire Clamps		Increased wire diameter range to 3-10mm
	Hook Clamp		No changes
Mini Locating Pins	MPS MPC		No changes
	RMP		Added to product line in 2017
	RTP Transfer Pin		Added to product line in 2018, replaced TMP
Auto-Index Dimpler	WD3		No changes