FC9000 SERIES BLADES			
	CB09UB	Angle: 45° Diameter 0.9mm	Standard blade for vinyl cutting & self-adhesive marking film (PVC film) up to 0.25 mm thick. Maximum cutting distance is approx. 13,123 ft.
-	CB09UB-K60	Angle: 30° Diameter 0.9mm	Supersteel Blade for cutting the window tint film or thin film, up to 0.25 mm thick.
	CB15U	Angle: 45° Diameter 1.5mm	Supersteel blade for cutting rigid or thicker media, 0.25 mm to 0.5 mm thick. (laminates, smart device, device screen protection media)
	CB15U-K30	Angle: 60° Diameter 1.5mm	Supersteel Blade for cutting rigid media, 0.25 mm to 0.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and Avery Series of Reflective sheeting.
	CB15UA	Angle: 45° Diameter 1.5mm	Supersteel Blade for cutting high-intensity reflective film or harder film.
	CB15UA-K30	Angle: 60° Diameter 1.5mm	Supersteel Blade for cutting rigid media, 0.25 mm to 0.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and Avery Series of Reflective sheeting.
	PM-CC-002	Cross Cutter Blade	Supersteel Blade

Please Refer To The Users Manual For Blade/Application Compatibility.

FC9000 SERIES		GRAP BLADE HOLDERS
4	PHP31 FIBERSTEADTLER	FIBERSTEADTLER Lumocolor Fiber Tip Pen Holder.
	PHP33-CB09N-HS SPRING BUILT-IN	Compatible with Blades: CB09UA • CB09UA-K60 • CB09UB • CB09UB-K60 0.9mm, blue top, black ABS tip. Not recommended for CB09UA blades with springs.
	PHP33-CB15N-HS SPRING BUILT-IN	Compatible with Blades: CB15U • CB15U-K30* • CB15UA • CB15U-K20-2SP • CB15UA-K30 • CB15UB 1.5mm**, red top, black ABS tip.
	PHP34-BALL	Ballpoint pen holder for black, oil based pen (KB700-BK).
	PHP35-CB09-HS SPRING BUILT-IN	Compatible with Blades: CB09UA • CB09UA-K60 • CB09UB • CB09UB-K60 0.9mm, blue top, black brass tip. ATTENTION: If you are using CB09UA Blade (with spring); Insert only the CB09UA blade without the spring. This blade-holder, plunger design already includes an internal spring. These brass tip blade-holders, plungers are more rigid and lend to more accurate cutting.
	PHP35-CB15-HS SPRING BUILT-IN	Compatible with Blades: CB15U • CB15U-K30* • CB15UA • CB15U-K20-2SP • CB15UA-K30 • CB15UB 1.5mm**, red top, black brass tip. These brass tip blade-holders/plungers are more rigid & lend to more accurate cutting. NOTE: REMOVE CB15 SP Blade spring before installing into this Blade-holder. DO NOT install any blade spring to more accurate cuts.

^{*} Suitable for a rigid media, 0.25 mm to 0.5 mm thick or cutting small detailed characters on marking film (up to 0.25mm).

^{**} Require to remove spring.

CE7000	SERIES	GR	BLADES
	CB09UB	Angle: 45° Diameter 0.9mm	Standard blade for vinyl cutting & self-adhesive marking film (PVC film) up to 0.25 mm thick. Maximum cutting distance is approx. 13,123 ft.
-	CB09UB-K60	Angle: 30° Diameter 0.9mm	Supersteel Blade for cutting the window tint film or thin film, up to 0.25 mm thick.
	CB15U	Angle: 45° Diameter 1.5mm	Supersteel blade for cutting rigid or thicker media, 0.25 mm to 0.5 mm thick. (laminates, smart device, device screen protection media)
	CB15U-K30	Angle: 60° Diameter 1.5mm	Supersteel Blade for cutting rigid media, 0.25 mm to 0.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and Avery Series of Reflective sheeting.
	CB15UA	Angle: 45° Diameter 1.5mm	Supersteel Blade for cutting high-intensity reflective film or harder film.
	CB15UA-K30	Angle: 60° Diameter 1.5mm	Supersteel Blade for cutting rigid media, 0.25 mm to 0.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and Avery Series of Reflective sheeting.

Please Refer To The Users Manual For Blade/Application Compatibility.

CE7000 SERIES		BLADE HOLDERS
	PHP31 FIBERSTEADTLER	FIBERSTEADTLER Lumocolor Fiber Tip Pen Holder.
	PHP33-CB09N-HS SPRING BUILT-IN	Compatible with Blades: CB09UA • CB09UA-K60 • CB09UB • CB09UB-K60 0.9mm, blue top, black ABS tip. Not recommended for CB09UA blades with springs.
	PHP33-CB15N-HS SPRING BUILT-IN	Compatible with Blades: CB15U • CB15U-K30* • CB15UA • CB15U-K20-2SP • CB15UA-K30 • CB15UB 1.5mm**, red top, black ABS tip.
	PHP34-BALL	Ballpoint pen holder for black, oil based pen (KB700-BK).
	PHP35-CB09-HS SPRING BUILT-IN	Compatible with Blades: CB09UA • CB09UA-K60 • CB09UB • CB09UB-K60 0.9mm, blue top, black brass tip. ATTENTION: If you are using CB09UA Blade (with spring); Insert only the CB09UA blade without the spring. This blade-holder, plunger design already includes an internal spring. These brass tip blade-holders, plungers are more rigid and lend to more accurate cutting.
	PHP35-CB15-HS SPRING BUILT-IN	Compatible with Blades: CB15U • CB15U-K30* • CB15UA • CB15U-K20-2SP • CB15UA-K30 • CB15UB 1.5mm**, red top, black brass tip. These brass tip blade-holders/plungers are more rigid & lend to more accurate cutting. NOTE: REMOVE CB15 SP Blade spring before installing into this Blade-holder. DO NOT install any blade spring to more accurate cuts.

^{*} Suitable for a rigid media, 0.25 mm to 0.5 mm thick or cutting small detailed characters on marking film (up to 0.25mm).

Recommended Setting On Control Panel: OTHER* Offset +31, Force 10-14, Speed 30 or less, Acceleration 2

^{**} Require to remove spring.

FC8600 SERIES BLADES			
-	CB09UB	Angle: 45° Diameter 0.9mm	Standard blade for vinyl cutting & self-adhesive marking film (PVC film) up to 0.25 mm thick. Maximum cutting distance is approx. 13,123 ft.
-	CB09UB-K60	Angle: 30° Diameter 0.9mm	Supersteel Blade for cutting the window tint film or thin film, up to 0.25 mm thick.
	CB15U	Angle: 45° Diameter 1.5mm	Supersteel blade for cutting rigid or thicker media, 0.25 mm to 0.5 mm thick. (laminates, smart device, device screen protection media)
-	CB15U-K30	Angle: 60° Diameter 1.5mm	Supersteel Blade for cutting rigid media, 0.25 mm to 0.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and Avery Series of Reflective sheeting.
	CB15UA	Angle: 45° Diameter 1.5mm	Supersteel Blade for cutting high-intensity reflective film or harder film.
	CB15UA-K30	Angle: 60° Diameter 1.5mm	Supersteel Blade for cutting rigid media, 0.25 mm to 0.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and Avery Series of Reflective sheeting.
	СТО1Н	Cross Cutter Blade	Standard Cross Cut Blade
	CT02U	Cross Cutter Blade	Supersteel Cross Cut Blade

NOTE: UA Blades are recommended for rigid medias due to their modified blade tip

FC8600 SERIES		BLADE HOLDERS
	PHP31 FIBERSTEADTLER	FIBERSTEADTLER Lumocolor Fiber Tip Pen Holder.
	PHP33-CB09N-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB09UA • CB09UA-K60 • CB09UB • CB09UB-K60 0.9mm, blue top, black ABS tip. Not recommended for CB09UA blades with springs.
	PHP33-CB15N-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB15U • CB15U-K30* • CB15UA • CB15U-K20-2SP • CB15UA-K30 • CB15UB 1.5mm**, red top, black ABS tip.
4	PHP34-BALL	Ballpoint pen holder for black, oil based pen (KB700-BK).
	PHP35-CB09-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB09UA • CB09UA-K60 • CB09UB • CB09UB-K60 0.9mm, blue top, black brass tip. ATTENTION: If you are using CB09UA Blade (with spring); Insert only the CB09UA blade without the spring. This blade-holder, plunger design already includes an internal spring. These brass tip blade-holders, plungers are more rigid and lend to more accurate cutting.
	PHP35-CB15-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB15U • CB15U-K30* • CB15UA • CB15U-K20-2SP • CB15UA-K30 • CB15UB 1.5mm**, red top, black brass tip. These brass tip blade-holders/plungers are more rigid & lend to more accurate cutting. NOTE: REMOVE CB15 SP Blade spring before installing into this Blade-holder. DO NOT install any blade spring to more accurate cuts.

Recommended Setting On Control Panel for Small Detailed Figure and Character Cutting: CB15U-K30 Offset +2, Force 10-14, Speed 30 or less, Acceleration 4

^{*} Suitable for a rigid media, 0.25 mm to 0.5 mm thick or cutting small detailed characters on marking film (up to 0.25mm).

^{**} Require to remove spring.

CE6000	SERIES	GR	APHT BLADES
	CB09UB	Angle 45° Diameter 0.9mm	Standard blade for vinyl cutting & self-adhesive marking film (PVC film) up to 0.25 mm thick. Maximum cutting distance is approx. 13,123 ft.
-	CB09UB-K60	Angle 30° Diameter 0.9mm	Supersteel Blade for cutting the window tint film or thin film, up to 0.25 mm thick.
	CB15U	Angle 45° Diameter 1.5mm	Supersteel blade for cutting rigid or thicker media, 0.25 mm to 0.5 mm thick. (laminates, smart device, device screen protection media)
	CB15UA	Angle 45° Diameter 1.5mm	Supersteel Blade for cutting high-intensity reflective film or harder film.

NOTE: UA Blades are recommended for rigid medias due to their modified blade tip

TOOL CONDITIONS FOR EACH MEDIA TYPE

						SIMPLE MODE: INITIA	IL VALUE
Media Type	Thickness(mm)	Blade used	Force	Speeed (in/s)	Acceleration	Standard Value Cut Force	Speed (in/s)
Film for outdoor use	0.05 - 0.08	CB09UB	10 -14	12" or under	2	(12)+0	8"
Film for decorative use	0.08 - 0.1	CB09UB	14 - 17	12" or under	2	(15)+0	8″
Transparent or semitransparent film	0.08 - 0.1	CB09UB	14 - 20	12" or under	2	(17)+0	8"
Reflective film	0.08 - 0.1	CB09UB	14 - 20	12" or under	2	(17)+0	8"
Fluorescent film	0.20 - 0.25	CB09UB, CB15U	20 - 24	4" - 8"	2	(22)+0	6"
Car film	0.05 - 0.08	CB09UB-K60	14 - 20	2" - 6"	2		

When a blade type has been selected, the **OFFSET** is automatically adjusted by ±5 with respect to the default cutter offset value for that blade type. Select **OTHER** to use settings other than those displayed for hard-to-cut media. Select pen to set the plotting pen.

CE6000 SERIES		GRAP BLADE HOLDERS
	PHP31 FIBERSTEADTLER	FIBERSTEADTLER Lumocolor Fiber Tip Pen Holder.
	PHP33-CB09N-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB09UA • CB09UA-K60 • CB09UB • CB09UB-K60 0.9mm, blue top, black ABS tip. Not recommended for CB09UA blades with springs.
	PHP33-CB15N-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB15U • CB15U-K30* • CB15UA • CB15U-K20-2SP • CB15UA-K30 • CB15UB 1.5mm**, red top, black ABS tip.
	PHP34-BALL	Ballpoint pen holder for black, oil based pen (KB700-BK).
	PHP35-CB09-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB09UA • CB09UA-K60 • CB09UB • CB09UB-K60 0.9mm, blue top, black brass tip. ATTENTION: If you are using CB09UA Blade (with spring); Insert only the CB09UA blade without the spring. This blade-holder, plunger design already includes an internal spring. These brass tip blade-holders, plungers are more rigid and lend to more accurate cutting.
	PHP35-CB15-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB15U • CB15U-K30* • CB15UA • CB15U-K20-2SP • CB15UA-K30 • CB15UB 1.5mm**, red top, black brass tip. These brass tip blade-holders/plungers are more rigid & lend to more accurate cutting. NOTE: REMOVE CB15 SP Blade spring before installing into this Blade-holder. DO NOT install any blade spring to more accurate cuts.

CE6000-40, 60 and 120 Plus only. *CB15U-K30 can not be selected as the tool type. Please select (OTHER) instead.

Recommended Setting On Control Panel for Small Detailed Figure and Character Cutting: CB15U-K30 Offset +31, Force 10-14, Speed 30 or less, Acceleration 2

FCX4000	SERIES	GR	BLADES
	CB09UB	Angle 45° Diameter 0.9mm	Standard blade for vinyl cutting & self-adhesive marking film (PVC film) up to 0.25 mm thick. Maximum cutting distance is approx. 13,123 ft.
-	CB09UB-K60	Angle 30° Diameter 0.9mm	Supersteel Blade for cutting the window tint film or thin film, up to 0.25 mm thick.
	CB15U	Angle 45° Diameter 1.5mm	Supersteel blade for cutting rigid or thicker media, 0.25 mm to 0.5 mm thick. (laminates, smart device, device screen protection media)
	CB15U-K30	Angle 60° Diameter 1.5mm	Supersteel Blade for cutting rigid media, 0.25 mm to 0.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and Avery Series of Reflective sheeting.
	CB15UA	Angle 45° Diameter 1.5mm	Supersteel Blade for cutting high-intensity reflective film or harder film.
	CB15UA-K30	Angle 60° Diameter 1.5mm	Supersteel Blade for cutting rigid media, 0.25 mm to 0.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and Avery Series of Reflective sheeting.

NOTE: UA Blades are recommended for rigid medias due to their modified blade tip

FCX4000	SERIES	GRAP BLADE HOLDERS
	PHP31 FIBERSTEADTLER	FIBERSTEADTLER Lumocolor Fiber Tip Pen Holder.
	PHP33-CB09N-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB09UA • CB09UA-K60 • CB09UB • CB09UB-K60 0.9mm, blue top, black ABS tip. Not recommended for CB09UA blades with springs.
	PHP33-CB15N-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB15U • CB15U-K30* • CB15UA • CB15U-K20-2SP • CB15UA-K30 • CB15UB 1.5mm**, red top, black ABS tip.
	PHP34-BALL	Ballpoint pen holder for black, oil based pen (KB700-BK)
	PHP35-CB09-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB09UA • CB09UA-K60 • CB09UB • CB09UB-K60 0.9mm, blue top, black brass tip. ATTENTION: If you are using CB09UA Blade (with spring); Insert only the CB09UA blade without the spring. This blade-holder, plunger design already includes an internal spring. These brass tip blade-holders, plungers are more rigid and lend to more accurate cutting.
	PHP35-CB15-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB15U • CB15U-K30* • CB15UA • CB15U-K20-2SP • CB15UA-K30 • CB15UB 1.5mm**, red top, black brass tip. These brass tip blade-holders/plungers are more rigid & lend to more accurate cutting. NOTE: REMOVE CB15 SP Blade spring before installing into this Blade-holder. DO NOT install any blade spring to more accurate cuts.
Que and	PHP71-SHARPIE	Sharpie Pen holder with a metal sleeve that can be used with our FC & CE Cutters

Recommended Setting On Control Panel for Small Detailed Figure and Character Cutting: CB15U-K30 Offset +2, Force 10-14, Speed 30 or less, Acceleration 3

CE6000-40, 60 and 120 Plus only. *CB15U-K30 can not be selected as the tool type. Please select (OTHER) instead.

FCX4000 SERIES		GREASING TOOLS
	CP-001	Stick type tool for creasing heavy paper
	PM-CT-002	Pen type creasing tool for curves on heavy paper
The state of the s	CPGA-011	Creasing tool with 0.02" fine tip for creasing paper
	CPGA-012	Creasing tool with 0.05" tip for creasing cardboad

FCX2000 SERIES BLADES			
	CB09UB	Angle 45° Diameter 0.9mm	Standard blade for vinyl cutting & self-adhesive marking film (PVC film) up to 0.25 mm thick. Maximum cutting distance is approx. 13,123 ft.
	CB09UB-K60	Angle 30° Diameter 0.9mm	Supersteel Blade for cutting the window tint film or thin film, up to 0.25 mm thick.
	CB15U	Angle 45° Diameter 1.5mm	Supersteel blade for cutting rigid or thicker media, 0.25 mm to 0.5 mm thick. (laminates, smart device, device screen protection media)
	CB15U-K30	Angle 60° Diameter 1.5mm	Supersteel Blade for cutting rigid media, 0.25 mm to 0.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and Avery Series of Reflective sheeting.
	CB15UA	Angle 45° Diameter 1.5mm	Supersteel Blade for cutting high-intensity reflective film or harder film.
	CB15UA-K30	Angle 60° Diameter 1.5mm	Supersteel Blade for cutting rigid media, 0.25 mm to 0.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and Avery Series of Reflective sheeting.
	PM-CB-001	Angle 60° Diameter 3mm	Supersteel blade for cutting thick rigid materials such as corrugated paper up to E flute or chip board up to 2 mm thick.
	CB30UC	Angle 45° Diameter 3mm	Super steel blade for cutting thick rigid material such as cardstock and chip board up to 2mm

FCX2000	SERIES	GRAP BLADE HOLDERS
	PHP31 FIBERSTEADTLER	FIBERSTEADTLER Lumocolor Fiber Tip Pen Holder.
	PHP33-CB09N-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB09UA • CB09UA-K60 • CB09UB • CB09UB-K60 0.9mm, blue top, black ABS tip. Not recommended for CB09UA blades with springs.
	PHP33-CB15N-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB15U • CB15U-K30* • CB15UA • CB15U-K20-2SP • CB15UA-K30 • CB15UB 1.5mm**, red top, black ABS tip.
	PHP34-BALL	Compatible with Blades: CB30UC-1 • PM-CB-001
	PHP35-CB09-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB09UA • CB09UA-K60 • CB09UB • CB09UB-K60 0.9mm, blue top, black brass tip. ATTENTION: If you are using CB09UA Blade (with spring); Insert only the CB09UA blade without the spring. This blade-holder, plunger design already includes an internal spring. These brass tip blade-holders, plungers are more rigid and lend to more accurate cutting.
	PHP35-CB15-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB15U • CB15U-K30* • CB15UA • CB15U-K20-2SP • CB15UA-K30 • CB15UB 1.5mm**, red top, black brass tip. These brass tip blade-holders/plungers are more rigid & lend to more accurate cutting. NOTE: REMOVE CB15 SP Blade spring before installing into this Blade-holder. DO NOT install any blade spring to more accurate cuts.
	PHP34-CB30-HS	Compatible with Blades: CB30UC-1 • PM-CB-001
The same of the sa	PHP71-SHARPIE	Sharpie Pen holder with a metal sleeve that can be used with our FC & CE Cutters

Recommended Setting On Control Panel for Small Detailed Figure and Character Cutting: CB15U-K30 Offset +2, Force 10-14, Speed 30 or less, Acceleration 3

CP-001 Stick Type Creasing Tool for heavy paper CP-002 Roller Type Creasing Tool for cardboard CP-003 Roller Type Creasing Tool for corrugated board PM-CT-002 Pen Type Creasing Tool for curves on heavy paper CPGA-011 Creasing tool with 0.03" fine tip for creasing paper CPGA-012 Creasing tool with 0.05" tip for creasing cardboad

FCX4000 SERIES		GREASING TOOLS
	CP-001	Stick type tool for creasing heavy paper
	PM-CT-002	Pen type creasing tool for curves on heavy paper
	CPGA-011	Creasing tool with 0.02" fine tip for creasing paper
	CPGA-012	Creasing tool with 0.05" tip for creasing cardboad

FCX2000	SERIES	CREASING TOOLS
	CP-001	Stick Type Creasing Tool for heavy paper
0	CP-002	Roller Type Creasing Tool for cardboard
000	CP-003	Roller Type Creasing Tool for corrugated board
	PM-CT-002	Pen Type Creasing Tool for curves on heavy paper
	CPGA-011	Creasing tool with 0.03" fine tip for creasing paper
	CPGA-012	Creasing tool with 0.05" tip for creasing cardboad

F-MARK2 AUTO SHEET FEEDER			APH BLADES
	CB09UB	Angle 45° Diameter 0.9mm	Standard blade for vinyl cutting & self-adhesive marking film (PVC film) up to 0.25 mm thick. Maximum cutting distance is approx. 13,123 ft.
	CB15U	Angle 45° Diameter 1.5mm	Supersteel blade for cutting rigid or thicker media, 0.25 mm to 0.5 mm thick. (laminates, smart device, device screen protection media)

F-MARK2 AUTO SHEET FEEDER BLADE HOLDERS		
	PHP33-CB09N-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB09UA • CB09UA-K60 • CB09UB • CB09UB-K60 0.9mm, blue top, black ABS tip. Not recommended for CB09UA blades with springs.
	PHP33-CB15N-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB15U • CB15U-K30* • CB15UA • CB15U-K20-2SP • CB15UA-K30 • CB15UB 1.5mm**, red top, black ABS tip.
	PHP35-CB09-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB09UA • CB09UA-K60 • CB09UB • CB09UB-K60 0.9mm, blue top, black brass tip. ATTENTION: If you are using CB09UA Blade (with spring); Insert only the CB09UA blade without the spring. This blade-holder, plunger design already includes an internal spring. These brass tip blade-holders, plungers are more rigid and lend to more accurate cutting.
	PHP35-CB15-HS SPRING BUILT-IN TYPE	Compatible with Blades: CB15U • CB15U-K30* • CB15UA • CB15U-K20-2SP • CB15UA-K30 • CB15UB 1.5mm**, red top, black brass tip. These brass lip blade-holders/plungers are more rigid & lend to more accurate cutting. NOTE: REMOVE CB15 SP Blade spring before installing into this Blade-holder. DO NOT install any blade spring to more accurate cuts.

Recommended Setting On Control Panel for Small Detailed Figure and Character Cutting: CB15U-K30 Offset +31, Force 10-14, Speed 30 or less, Acceleration 2

CE7000-40, 60 and 120 Plus only. *CB15U-K30 can not be selected as the tool type.

Please select (OTHER) instead.