

# GRAPHTEC








## FC4500 BLADES

UA blades are recommended for rigid medias due to their modified blade tip.

	CB09UB	<b>Angle 45° Diameter 0.9mm</b> Supersteel blade for vinyl cutting, and self-adhesive marking film (PVC film), up to 0.25 mm thick. The maximum cutting distance is approximately 13,123 Feet.
	CB09UB-K60	<b>Angle 30° Diameter 0.9mm</b> Supersteel Blade for cutting the window tint film or thin film, up to 0.25 mm thick.
	CB15U	<b>Angle 45° Diameter 1.5mm</b> Supersteel blade for cutting rigid or thicker media, 0.25 mm to 0.5 mm thick. (laminates, smart device, device screen protection media)
	CB15U-2SP CB15U-5SP	<b>Angle 45° Diameter 1.5mm</b> Supersteel Blade with spring.
	CB15UA	<b>Angle 45° Diameter 1.5mm</b> Supersteel Blade for cutting high-intensity reflective film or harder film.
	CB15U-K20-2SP	<b>Angle 80° Diameter 1.5mm</b> Supersteel Blade recommended for sandblast rubber resist media up to 2.5 mm thick. <b>Must remove blade spring when use Blade-holders: PHP33-CB15N-HS, PHP35-CB15-HS</b> <b>NOTE: USA 80° Japan 20°</b>
	CB15U-K30	<b>Angle 60° Diameter 1.5mm</b> 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 high intensity reflective sheeting. <b>NOTE: USA 60° Japan 30°</b>
	CB15UA-K30	<b>Angle 60° Diameter 1.5mm</b> Supersteel Blade for cutting rigid media, 0.25 mm to 1.5 mm thick. And also small detailed characters on marking film (up to 0.25mm). Recommended blade for sandblast rubber resist media cutting and high intensity reflective sheeting. <b>NOTE: USA 60° Japan 30°</b>

## FC4500 BLADE-HOLDERS

Recommended control-panel setting for small-detailed character cutting:  
15UK-30 **Offset +2, Force 10-14, Speed 30 or less, Acceleration 3**

	PHP31-FIBERSTEADTLER	FIBERSTEADTLER Lumocolor holder. <b>NOTE: Not compatible with FC4500-50</b>
	PHP33-CB09N-HS SPRING BUILT-IN TYPE	<b>Compatible with blades: CB09UA, CB09UA-K60, CB09UB, CB09UB-K60</b> Designed for use with 0.9mm CB09UB blades for vinyl and window tint film cutting. Not recommended for CB09UA blades with springs.
	PHP33-CB15N-HS SPRING BUILT-IN TYPE	<b>Compatible with blades: CB15U-K30, CB15U, CB15UA, CB15U-K20-2SP, CB15UA-K30</b> For use with 1.5mm CB15 Blades.
	PHP34-BALL	Ballpoint pen holder for black, oil based pen (KB700-BK).
	PHP35-CB09-HS SPRING BUILT-IN TYPE	<b>Compatible with blades: CB09UA, CB09UA-K60, CB09UB, CB09UB-K60</b> 0.9mm Blade-holder with blue top, and brass tip / for 0.9mm CB09 blades. <b>ATTENTION:</b> 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-holder, plungers are more rigid and lend to more accurate cuts.
	PHP35-CB15-HS PHP35-CB15N-HS SPRING BUILT-IN TYPE	<b>Compatible with blades: CB15U, CB15U-2SP, CB15U-5SP, CB15U-K30, CB15UA, CB15U-K20-2SP, CB15UA-K30</b> 1.5mm Blade-holder with Red Top, and Brass Tip For CB15 Blades. These brass tip blade-holders/plungers are more rigid and lend to more accurate cutting. <b>NOTE:</b> REMOVE CB15-SP Blade spring before installing into this Blade-holder. DO NOT install any blade spring.
	PHP71-SHARPIE	Sharpie holder with a metal sleeve that can be used on our FC and CE series cutters.