Blade Application and Features

Individual Cutter Blades have a variety of features. Select the optimal Cutter Blade to suit the medium (vinyl, card, rubber, etc.) to be cut.

Blade part no. and Type	Diameter	Plunger (holder) part no. Current Models	Plunger (holder) part no. Older Models (e.g. FC5100)	Applications and features
CB09UA	0.9 mm	PHP32-CB09N-HS	PHP31-CB09-HS	Standard Blade for cutting Color Adhesive media (standard vinyl). Suitable for cutting media up to 0.25mm thick. Max cutting distance of approximately 4000 meters. (CE5000, FC8000, FC2250, FC4200, FC4210)
CB15U	1.5 mm	PHP32-CB15N-HS	PHP31-CB15-HS	For cutting media which is too thick for the CB09UA Blade. Suitable for cutting media from 0.25mm to 0.5mm thick. (CE5000, FC8000, FC2250, FC4200, FC4210)
CB15UA	1.5 mm	PHP32-CB15N-HS	PHP31-CB15-HS	For cutting High Intensity Reflective media. (CE5000, FC8000, FC2250, FC4200, FC4210)
CB15UB	1.5 mm	PHP32-CB15N-HS	PHP31-CB15-HS	For cutting small characters on Mono-Vinyl Chloride media. Suitable for cutting Small Size Characters that are less than 10mm. (CE5000, FC8000, FC2250, FC4200, FC4210)
CB15U-K30	1.5 mm	PHP32-CB15N-HS	PHP31-CB15-HS	For thick media. The sharply angled point provides a longer cutting edge. Suitable for cutting material from 0.5mm to 1.5mm thick. (CE5000, FC8000, FC2250, FC4200, FC4210)
CB15U-K20-SP	1.5 mm	PHP31-CB15B-HS		For cutting Sandblast Rubber up to 2.5mm thick. (FC8000, FC2250)
CB30UC	3.0 mm	PHP34-CB30-HS		For cutting Corrugated Paper up to E flute or Chip Board up to 2.0mm thick. (FC2250)

⚠ **CAUTION**

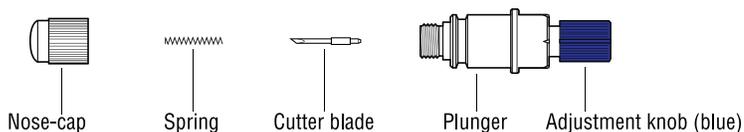To avoid bodily injury, handle cutter blades with care.

Cutting Blade & Holder Nomenclature
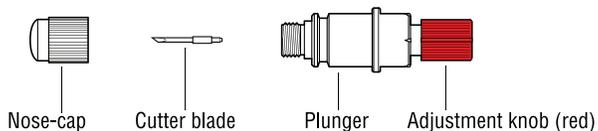
⚠ **CAUTION**
HANDLE CUTTING BLADES WITH CARE!
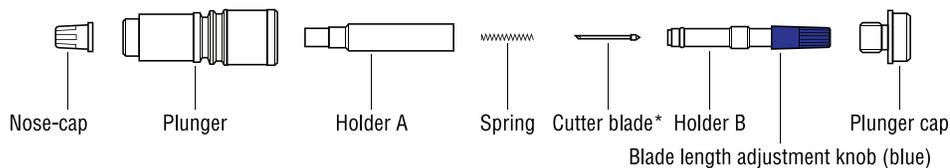
PHP32-CB09N

For 0.9mm diameter blades

Nose-cap   Spring   Cutter blade   Plunger   Adjustment knob (blue)

PHP32-CB15N

For 1.5mm diameter blades

Nose-cap   Cutter blade   Plunger   Adjustment knob (red)

PHP31-CB09-HS

For 0.9mm diameter blades

Nose-cap   Plunger   Holder A   Spring   Cutter blade*   Holder B   Plunger cap

Blade length adjustment knob (blue)

* The CB09UA supersteel blade is shown in the figure above.

PHP31-CB15-HS

For 1.5mm diameter blades

Nose-cap   Plunger   Holder A   Cutter blade*   Holder B   Plunger cap

Blade length adjustment knob (red)
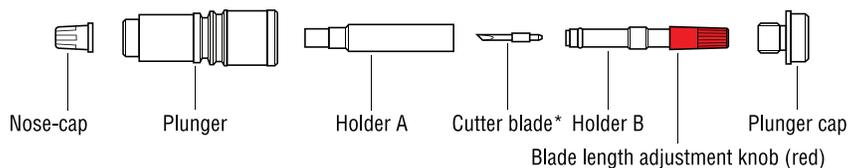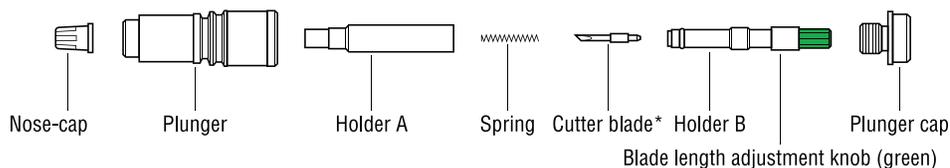
* The CB15U supersteel blade is shown in the figure above.

PHP31-CB15B-HS

For 1.5mm diameter blades fitted with a spring

Nose-cap   Plunger   Holder A   Spring   Cutter blade*   Holder B   Plunger cap

Blade length adjustment knob (green)

* The CB15U-SP supersteel blade is shown in the figure above.

PHP34-CB30-HS

For 3.0mm diameter blades fitted with a spring

Nose-cap   Spring   Cutter blade*   Plunger   Holder

Blade length adjustment knob (silver)
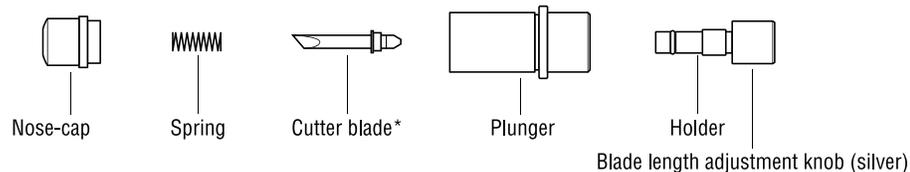
* The CB30UC supersteel blade is shown in the figure above.