

Benton Graphics, Inc.

Doctor Blades are Ordered by specifying the Following:

Width(A) x Length x Thickness(B) x Tip Thickness(D) x Material x Type x Bevel Angle(C)

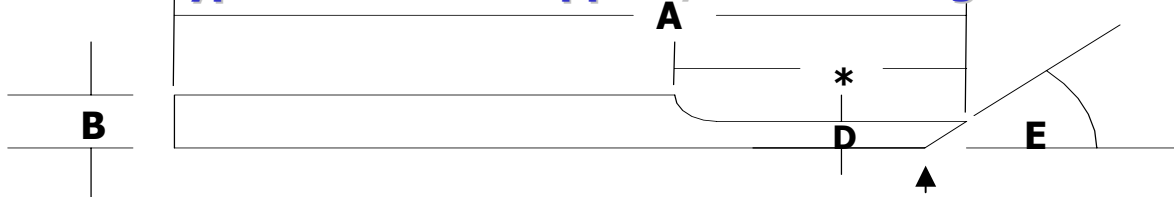
Width(A) = Blade Width, **Length** = Coil or Blade Length, **Thickness(B)** = Blade Thickness

Tip Thickness(D) = Thickness of Tip of Stepped (Lamella) Blade

Material = ULTI (Ultimeter), BCS (Blue Carbon Steel), WCS (White Carbon Steel), GSA (Golden Steel Alloy), GET (Ultra Fine Steel), S/S4 (400 Series Stainless Steel) Mylar (Polyester), Acetal (Stiff Thermoplastic), UHMW (Ultra High Molecular Weight PE)

Type = See Below (A,B,C,D), **Bevel Angle (C)** = Beveled Tip Angle

Blade Type "A" & "C" Stepped / Lamella Edged

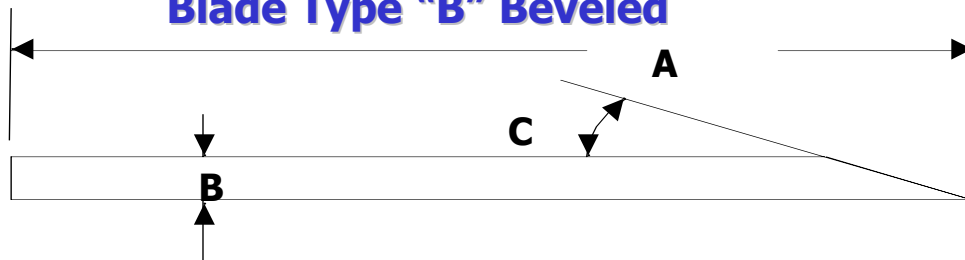


"A" is the Blade Width "B" is the Blade Thickness **Tip "Heal"**
"D" is the Tip Thickness "E" is the tip nose angle (bevel)

* Tip Extensions: Type "A" .090" Type "C" .060"

Note: "E" is typically 70°

Blade Type "B" Beveled



A is the Width, B is the Thickness and C is the blade Bevel Angle 20° to 45°

Blade Type "D" Radius / Rounded Edge



A is the Width, and B is the Thickness.

Metric / English (Imperial) Units Conversion

Lengths: 100 Meters = 3937 inches, 1 Meter = 39.37 inches,
100 Meter Even Feet equivalent is 328 ft = 3936 inches, 25.4mm = 1 inch
250 ft = 3000 inches, 100 yards = 3600 inches, 100 ft = 1200 inches

Thickness: 0.15 mm = .006", 0.2 mm = .008", 0.25 mm = .010"

Tip Thickness: 75μ = .003", 90μ = .0035", 95μ = .004", 125 μ = .005", 150 μ = .006"