

TABLE OF FEATHER MICROTOME BLADES

⊙ = BEST ⊖ = GOOD



Colour code	Blade No.	Type of blade	Recommended for	Soft tissue	Hard tissue	Large block	Crystal	Thin sectioning	Hydro sectioning	Technical informations	Trimming	Type of Microtome
	S35	Edge angle 35° Stainless steel (T) 0.254 x (W) 8 x (L) 80 mm Dispenser box of 50 blades	Routine sectioning	⊙	⊖			⊖	⊖	Standard blade for routine sectioning. Good sectioning quality in initial sectioning. High service life. Also suitable for larger tissue samples.	Short trimming time. In rare cases scratches can occur during trimming due to the coating.	Sledge / Rotary
	R35	Edge angle 35° Stainless steel (T) 0.254 x (W) 8 x (L) 80 mm Dispenser box of 50 blades	Routine and ribbon sectioning	⊖	⊖				⊙	Especially hardened blade edge. Very suitable for ribbon sectioning. For hard tissue.	Short trimming time.	Sledge / Rotary
	A22	Edge angle 22° Stainless steel (T) 0.254 x (W) 8 x (L) 80 mm Dispenser box of 50 blades	Extra thin sections	⊙				⊙	⊖	For very thin sections in routine and research. Especially suitable for fibrous tissue. High service life.	Short trimming time at corresponding clearance angle	Sledge / Rotary
	A35	Edge angle 35° Stainless steel (T) 0.254 x (W) 8 x (L) 80 mm Dispenser box of 50 blades	Extra thin sections and hard tissue	⊖	⊖			⊙	⊖	For soft and hard tissue as well as for extra thin sections. Very high service life (also for hard tissue).	Short trimming time at corresponding clearance angle	Sledge / Rotary
	N35	Edge angle 35° Stainless steel (T) 0.254 x (W) 8 x (L) 80 mm Dispenser box of 50 blades	Hard tissue	⊖	⊙			⊖	⊖	Especially for hard tissue. Long and stable sectioning quality. Also suitable for routine sectioning. High service life.	Trimming takes a little longer but afterwards excellent durability.	Sledge / Rotary
	N35HR	Edge angle 35° Stainless steel (T) 0.254 x (W) 8 x (L) 80 mm Dispenser box of 50 blades	Hard tissue and routine sectioning	⊖	⊙			⊖	⊖	Especially for hard tissue. Also suitable for ribbon sectioning. Very good service life.	Short trimming time.	Sledge / Rotary
	S22	Edge angle 22° Stainless steel (T) 0.254 x (W) 8 x (L) 80 mm Dispenser box of 50 blades	Thin sections	⊙				⊙		For soft tissue and especially thin sections (research).	Short trimming time.	Sledge / Rotary
	HIGH PROFILE	Edge angle 35° Stainless steel (T) 0.21 x (W) 14 x (L) 75.7 mm Dispenser box of 50 blades	Routine sectioning	⊙	⊖			⊖	⊖	Standard blade for routine sectioning. Also suitable for ribbon sectioning.	Short trimming time.	Sledge / Rotary
	C35	Edge angle 35° Carbon steel (T) 0.245 x (W) 8 x (L) 80 mm Dispenser box of 20 blades	Frozen tissue					⊙		Carbon steel blade. Only for crystals.	Short trimming time.	Cryostat
	S35L	Edge angle 35° Stainless steel (T) 0.254 x (W) 8 x (L) 120 mm Dispenser box of 20 blades	Large blocks	⊙	⊖	⊙		⊖	⊖	120 mm long microtome blade. For large tissue samples.	Short trimming time.	Sledge
	S35LL	Edge angle 35° Stainless steel (T) 0.254 x (W) 8 x (L) 180 mm Dispenser box of 20 blades	Very large blocks	⊙	⊖	⊙		⊖	⊖	180 mm long microtome blade. For large tissue samples.	Short trimming time.	Sledge