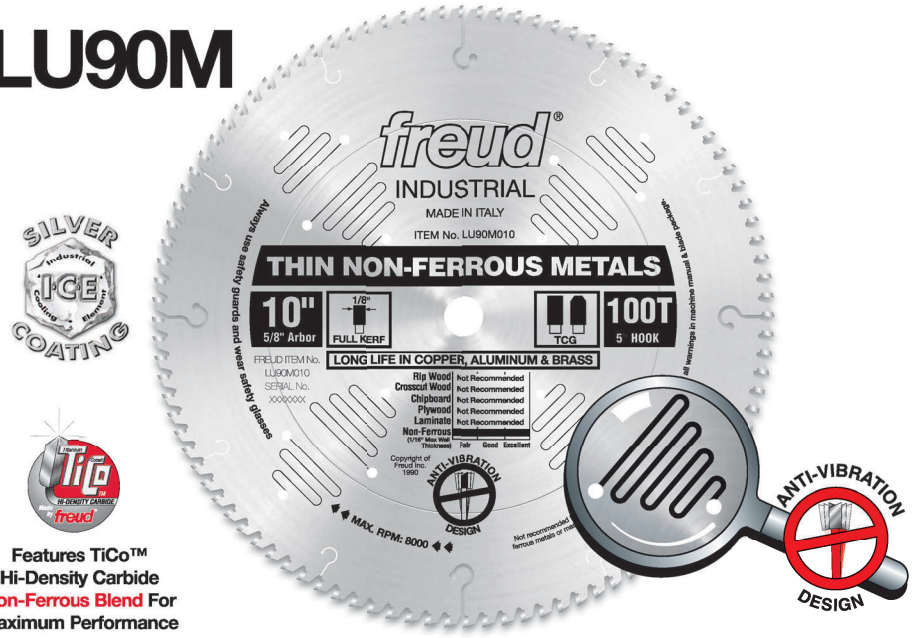



Industrial Thin Stock Non-Ferrous Metal Blades

LU90M



SILVER ICE COATING

Features TiCo™ Hi-Density Carbide Non-Ferrous Blend For Maximum Performance

Application

Cutting Thin Aluminum And Other Non-Ferrous Metals

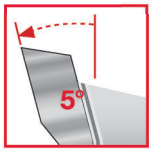
Recommended Use & Cut Quality

RIPS WOOD:	Not Recommended
CROSSCUTS WOOD:	Not Recommended
CHIP BOARD:	Not Recommended
PLYWOOD:	Not Recommended
LAMINATE:	Not Recommended
NON-FERROUS:	
CUT QUALITY:	Fair > Good > Excellent

(Not recommended for ferrous metals or masonry)

Wall Thickness

This blade produces a smooth, burr-free finish when cutting thin aluminum, brass and other non-ferrous metal extrusions. A high tooth count with a 5° hook angle allows the teeth to slice efficiently through the material without binding. The requirements on the cutting edge greatly differ with nonferrous metals than with cutting wood. With this in mind, Freud formulated a special carbide with high impact strength for this blade. Freud recommends use of a liquid lubricant when cutting non-ferrous materials. This can be accomplished with a spray of WD-40 or other similar type of lubricant every 4 or 5 cuts. Wax sticks are not recommended.



Positive Hook Angles produce a smoother cut with less material distortion and burr free cuts

Freud-Made TiCo™ Carbide specifically designed to cut non-ferrous metals extends tooth life and withstands impact

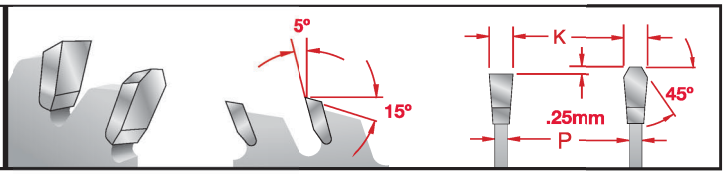
Silver ICE™	Dia.	Teeth	Arbor	Kerf(K)	Plate(P)
LU90M010	10"	100 TCG	5/8"	.110	.087
LU90M012	12"	120 TCG	1"	.118	.098

• Carbide Grade Chart •

Increasing Hardness

H30S | H20S | H10S | H01S | H00S | H00K | H00X

Increasing Impact Strenght



Tips & Techniques

To determine if the metal you wish to cut is non-ferrous, hold the metal next to a magnet. If it attracts the magnet, it is a ferrous metal and should not be cut with a non-ferrous blade.