

Set of Tools

For cutting and milling of aluminium composite panels

The tooling solution for machining of aluminium composite panels

FREZITE has developed a range of tools specially designed to work composite panels, involving two aluminium cover plates with a thermoplastic polymeric core. With various designations in the market (Alucobond®, Dibond®, etc.), it is a versatile material and easy to process, using conventional equipment. With a vast program of solutions for cutting and milling this material, FREZITE ensures high performance with excellent finishes. The aluminium composite panels allows innovative solutions in architecture, advertising, engineering, etc.



ADVANTAGES

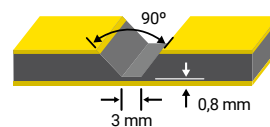
- High quality profiling for a perfect folding.
- High performance.
- Excellent finishing.
- Reliability.
- Easy of use.
- Excellent Price / Quality Ratio.

MACHINES

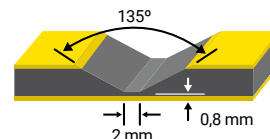
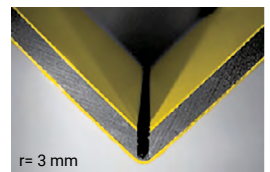
- Vertical panel sizing machines.
- Table saws.
- CNC.
- Portable machines.

APPLICATIONS

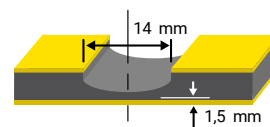
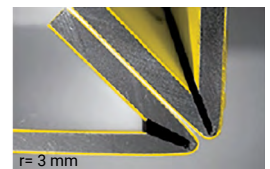
- Production of facade elements, as corners and rims, in applications of construction and urban rehabilitation.
- Advertising.
- Signaling.
- Decoration, etc.



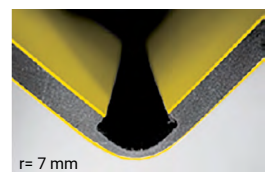
"V" profile for angles up to 90°



"V" profile for angles up to 135°



"U" profile for angles up to 180°, depending on panel thickness

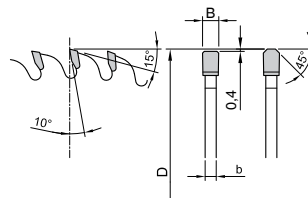


Circular saw blades

898

D	B	b	d	Z	NL/TK	Ref.
160	2,6	1,6	20	48		898.160.048.20
190	2,6	1,6	30	58		898.190.058.30
250	3,2	2,2	30	60	NL30	898.250.060.30
	3,2	2,2	30	80	NL30	898.250.080.30
300	3,2	2,2	30	72	NL30	898.300.072.30
	3,2	2,2	30	96	NL30	898.300.096.30

Circular saw for cutting of aluminium composite panels (Alucobond®, Dibond®, etc.) in portable machines, table saws and vertical panel sizing machines.



"V" grooving profile cutterblock

315

D	B	α	d	Z	n min.-max.	Ref.
118	14	90°	30	6	1800-6500	315.201
	18	135°	30	6	1800-6500	315.202
244	18,5	90°	30	8	3100-7000	315.101
	18,5	135°	30	8	3100-7000	315.102

The "V" 90° profile cutterblock allows work panels up to 8 mm thicknesses. The "V" 135° profile cutterblock allows work panels up to 4 mm thicknesses.



"V" and "U" Profile cutter

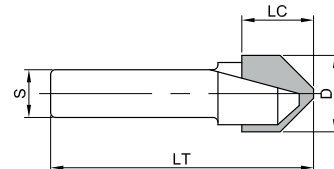
A071

D	α	LC	LT	S	Z	Ref.
14	90°	15	70	14	2	A071.014.107.14 ■
14	U	13	48	8	2	A071.014.813.08
18	90°	13	48	8	2	A071.918.813.08
	135°	8	43	8	2	A071.918.808.08

■ Solid tungsten carbide body (HW)

The "U" and "V" 90° profile cutterblock allows work panels up to 8 mm thicknesses.

The "V" 135° profile cutterblock allows work panels up to 4 mm thicknesses.



"V" Profile cutter

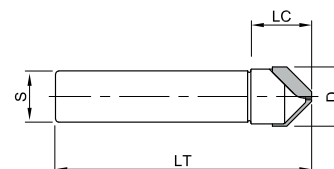
A829

D	α	LC	LT	S	Z	Ref.
18,5	90°	13	80	16	2	A829.018.113.16
	135°	8	80	16	2	A829.018.108.16

n máx.: 18.000-36.000 rpm

The "V" 90° profile cutterblock allows work panels up to 8 mm thicknesses.

The "V" 135° profile cutterblock allows work panels up to 4 mm thicknesses.



Cutter for nesting operations

A831

D	d	L3	LT	S	Z	Ref.
12	7	4	80	12	2	A831.012.109.12
	7	6	80	12	2	A831.012.111.12

n máx.: 18.000-36.000 rpm

Cutter for panel nesting operations with thickness of 4 and 6 mm in CNC machine centres.

