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**ACM V groove  
double edge  
folding router bits**



# ACM groove double edge folding router bits

## Product benefits

- **Outstanding performance on special materials:**  
These cutters are specially designed to create a V groove on ACM panels, ensuring an **easy bending** of the panel without fractures.
- **Dedicated TiCo Carbide formula:**  
In-house manufactured hi-density Titanium Cobalt Carbide that delivers **perfect finishing** and extremely **longer cutting life**.
- **Perma-SHIELD Coating:**  
High-end technology coating which protects the router bit from friction, rust and pitch built up, significantly **prolonging the tool cutting life**.

## Applications

Designed for routing and folding aluminum sandwich materials.

## Materials

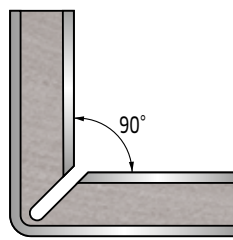
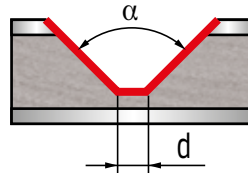
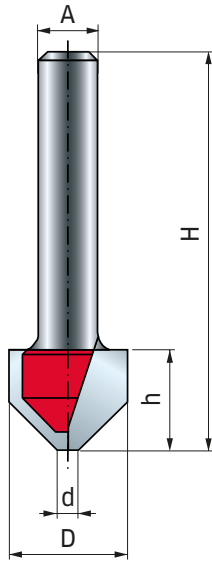
Acetate  
Aluminum, Brass, Bronze, Clay, Zinc & Wood Composite Panels  
Aluminum Composite Materials (ACM)  
Aluminum Composite Panel (ACP)  
ALPOLIC® Copper Composite Material (CCM)  
Alucobond®  
Alupanel®  
Bakelite  
Dibond®  
Durabond®  
e-panel™  
Etalbond®  
Nylon  
Phenolics  
Plastic/Acrylic  
Plexiglas®  
PVC  
Thermoplastics  
Titanium Composite Material (TCM)  
Wood



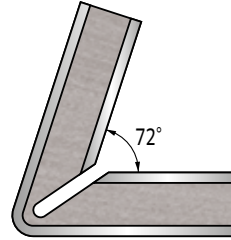
V groove bits for ACM panels folding

D	h	H	A	d	$\alpha$	Z	Max RPM	Code	SAP
mm	mm	mm	mm	mm			1/min.		
16	12,5	50	6	2,5	90°	2	24.000	21-11206P	F03FR04018
19	12,5	50	6	2,5	108°	2	24.000	21-14606P	F03FR04021
22,2	12,5	50	6	2	135°	2	20.000	21-18206P	F03FR04024
16	12,5	50	8	2,5	90°	2	24.000	21-11208P	F03FR04019
19	12,5	50	8	2,5	108°	2	24.000	21-14608P	F03FR04022
22,2	12,5	50	8	2	135°	2	24.000	21-18208P	F03FR04025

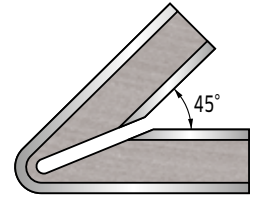
D	h	H	A	d	$\alpha$	Z	Max RPM	Code	SAP
inch	inch	inch	inch	inch			1/min.		
1/2"	13/32"	2"	1/4"	0,090"	90°	2	24.000	21-11025P	F03FR04017
5/8"	1/2"	2"	1/4"	0,100"	90°	2	24.000	21-11225P	F03FR04020
3/4"	1/2"	2"	1/4"	0,100"	108°	2	24.000	21-14625P	F03FR04023
7/8"	1/2"	2"	1/4"	5/64"	135°	2	20.000	21-18225P	F03FR04026



$\alpha = 90^\circ$



$\alpha = 108^\circ$

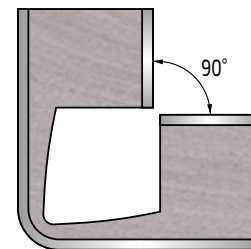
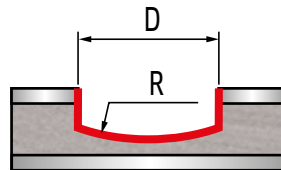
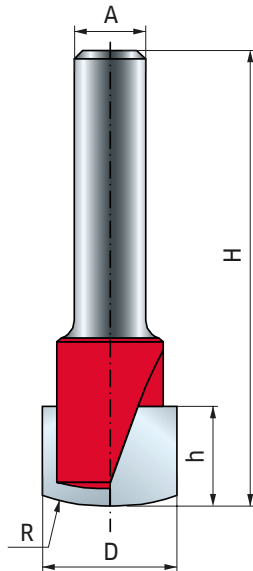


$\alpha = 135^\circ$

Rectangular groove bits for ACM panels folding

D	h	H	A	d	R	Z	Max RPM	Code	SAP
mm	mm	mm	mm	mm	mm		1/min.		
15	11	50	8		23,8	2	24.000	21-20008P	F03FR03967

D	h	H	A	d	R	Z	Max RPM	Code	SAP
inch	inch	inch	inch	inch	inch		1/min.		
5/8"	7/16"	2"	1/4"		15/16"	2	24.000	21-20025P	F03FR03963



90°

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