

MDF Door Program

Precision diamond tooling for single-piece thermofoil cabinet doors



Features/Benefits

Create beautiful thermofoil doors with the precision tooling selection offered by Leitz. Mix and match profiles to make a wide variety of door designs.

With standard profiles as well as customized profiles available from Leitz, you can efficiently and affordably create MDF doors that exceed your customer's expectations.

Nesting tools for MDF door manufacturing

- Contemporary profiles
- Z2 DP PLUS router bit design for 6 to 8 sharpenings for most shapes
- Z1 DP PRO router bit design finishing tools for aesthetically sharp corners
- 3/4" shank suitable for use with standard HSK-63 F and SK30 ThermoGrip chucks
- Plunging tip for axial plunging
- Outside edge profilers project 0.15mm into spoil board
- Custom profiles available

Profile Tooling Specifications

5/8" Thick MDF, Outside Profiles

Profile	D Zero	Wings	SH	ID#
R 1/16" Outside Edge	3/4"	2	3/4"	130077062
R 1/8" Outside Edge	3/4"	2	3/4"	130079871
R 1/4" Outside Edge	3/4"	2	3/4"	130077077
R 3/8" Outside Edge	3/4"	2	3/4"	130077082
45° Bevel Outside Edge	3/4"	2	3/4"	130077089
1/4" Waterfall	1/2"	2	3/4"	130077053

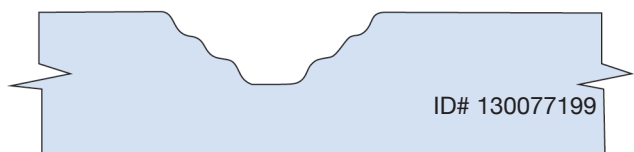
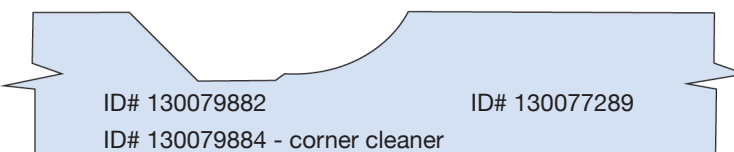
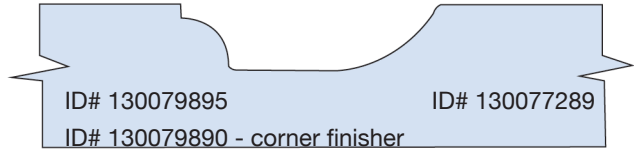
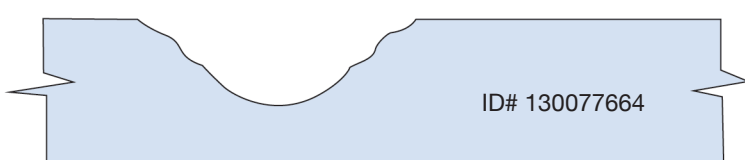
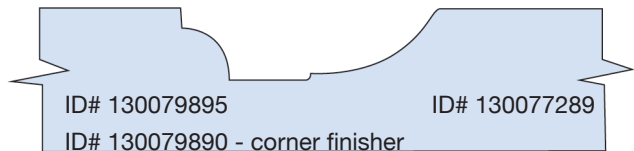
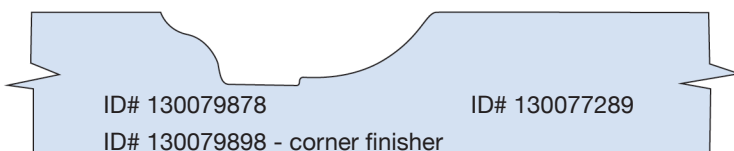
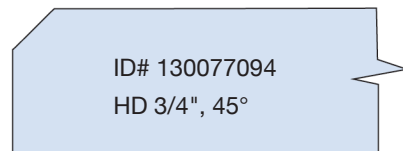
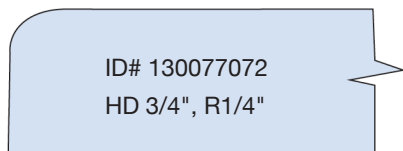
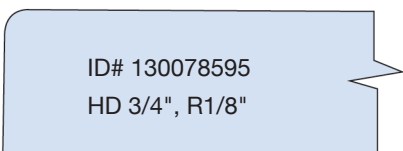
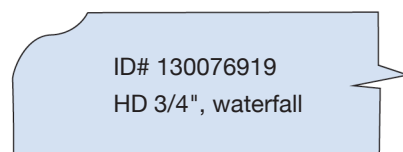
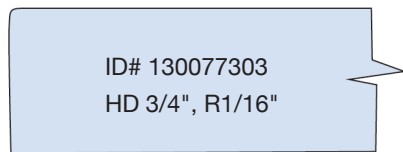
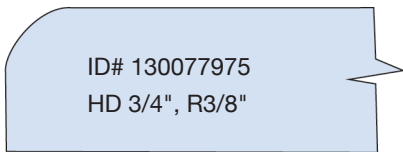
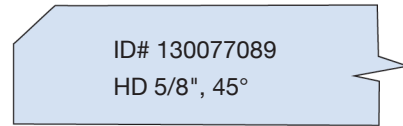
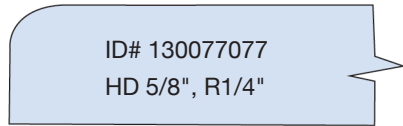
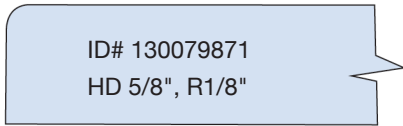
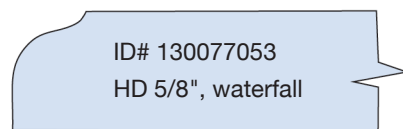
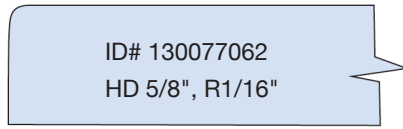
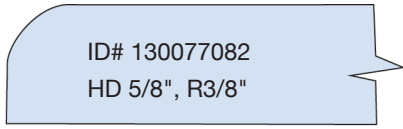
3/4" Thick MDF Doors, Outside Profiles

Profile	D Zero	Wings	SH	ID#
R 1/16" Outside Edge	3/4"	2	3/4"	130077303
R 1/8" Outside Edge	3/4"	2	3/4"	130078595
R 1/4" Outside Edge	3/4"	2	3/4"	130077072
R 3/8" Outside Edge	3/4"	2	3/4"	130077975
45° Bevel Outside Edge	3/4"	2	3/4"	130077094
1/4" Waterfall	3/4"	2	3/4"	130076919

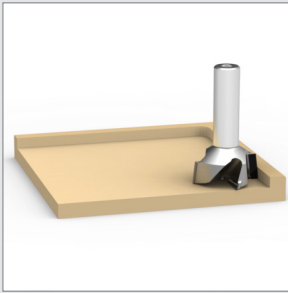
Center Panels for MDF Doors

Profile	D Zero	Wings	SH	ID#
Shaker Panel Hogger	50.8mm	2+2	3/4"	130078823
Bead Rail	10.5mm	2	3/4"	130079895
Scoop Panel	3.8mm	2	3/4"	130077289
Bevel Rail	10.5mm	2	3/4"	130079882
Waterfall	4.76mm	2	3/4"	130077199
Contemporary	0mm	2	3/4"	130077664
Ogee Rail	10.5mm	2	3/4"	130079878
Cleaner Shaker Corner	6.35mm	2	3/4"	130079903
Cleaner Ogee Corner	4mm	1	3/4"	130079898
Cleaner Bead Corner	4mm	1	3/4"	130079890
Cleaner Bevel Corner	0mm	1	3/4"	130079884

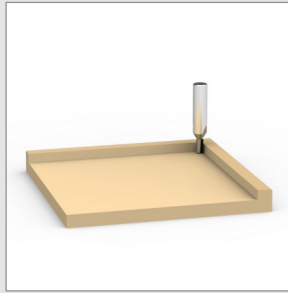
Standard Profiles



Center Profiles



Shaker Profile
ID# 130078823
Use with Corner Finisher
ID# 130079903



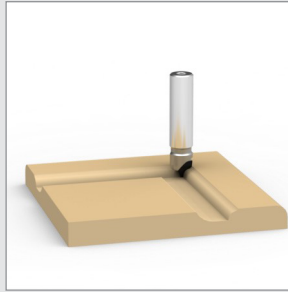
Shaker Profile Corner Finisher
ID# 130079903
Use with ID# 130078823



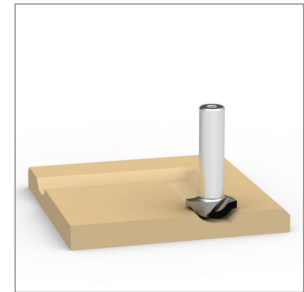
Waterfall Profile
ID# 130077199



Ogee Rail
ID# 130079878
Use with Corner Finisher
ID# 130079898



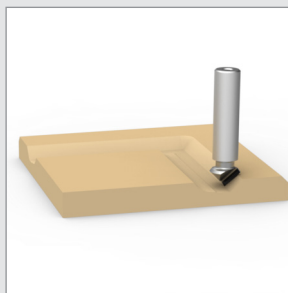
Ogee Rail Corner Finisher
ID# 130079898
Use with ID# 130079878



Scoop Profile
ID# 130077289



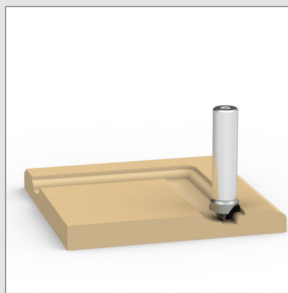
Bevel Rail
ID# 130079882
Use with Corner Finisher
ID# 130079884



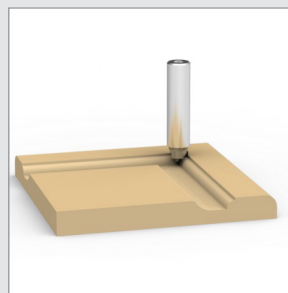
Bevel Rail Corner Finisher
ID# 130079884
Use with ID# 130079882



Contemporary Profile
ID# 130077664

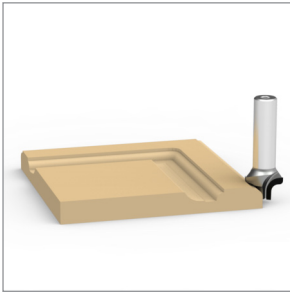


Bead Profile
ID# 130079895
Use with Corner Finisher
ID# 130079890



Bead Profile Corner Finisher
ID# 130079890
Use with ID# 130079895

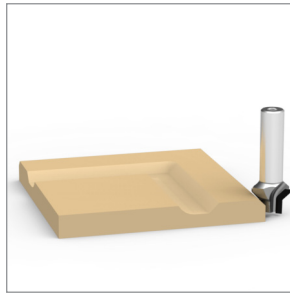
Outside Profiles



Waterfall Profile

ID# 130077053 for 5/8" door

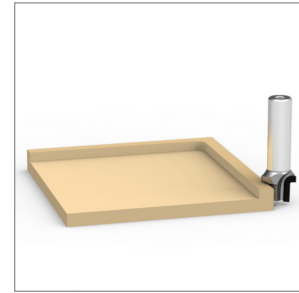
ID# 130076919 for 3/4" door



45° Bevel Profile

ID# 130077089 for 5/8" door

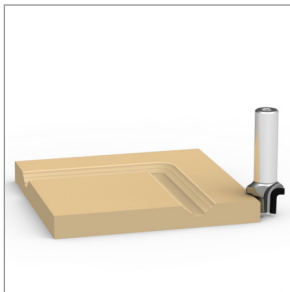
ID# 130077094 for 3/4" door



R1/16" Round-Over Profile

ID# 130077062 for 5/8" door

ID# 130077303 for 3/4" door



R1/8" Round-Over Profile

ID# 130079871 for 5/8" door

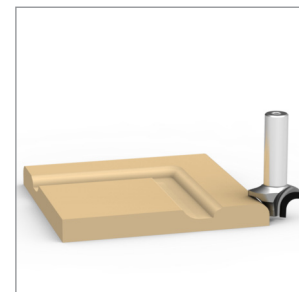
ID# 130078595 for 3/4" door



R1/4" Round-Over Profile

ID# 130077077 for 5/8" door

ID# 130077072 for 3/4" door

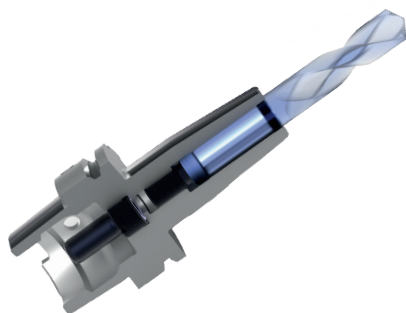


R3/8" Round-Over Profile

ID# 130077082 for 5/8" door

ID# 130077975 for 3/4" door

Optimize performance with the Leitz ThermoGrip[®] heat shrink system



Superior tool design

Concentricity and balance quality are crucial elements of superior tool design. Leitz ThermoGrip is the leading technology to join the machine interface and the cutting tool as "one piece". This results in a highly accurate, durable and economic tooling system which is able to achieve higher rpm and feed rate with unmatched finish quality.

- Highest torque transfer; essentially a one-piece tool and HSK-F 63
- Safe, rigid, balanced to 36,000 RPMs
- Optimized tool performance, finish quality
- Increased cutting speeds (by 30%)
- Improved machine productivity
- Compact, solid design with no wear parts; right or left rotation
- Easy cleaning/maintenance; unlimited lifespan
- Reduced tooling costs; fast tool changes

Leitz is your dependable partner

Leitz offers market-leading tool knowledge and technology and provides three components for your success:

- Innovative tooling systems that conserve resources and enhance quality for better production
- Customized, modular or comprehensive tool management for enhanced efficiency
- Excellent, reliable service for customers all around the world



For over 135 years, Leitz has revolutionized the woodworking and advanced materials industries with the most innovative tools and finest services worldwide. Leitz state-of-the-art solutions ensure longer production runs, reduced downtime, maximized tool life, and optimized performance—while decreasing production costs. Zero compromise guarantees the finest results every time. Contact us today to find the Leitz sales and service center nearest you.

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