CNC Multi Profile Carbide Insert Router Bits for MDF Cabinet Doors

2 Flute

With various combinations of 3 different body styles and available custom made profile knives, any type of cabinet form doors can be produced. These router bits are mostly recommended for producing cabinet doors made from natural wood or MDF.

3 body styles

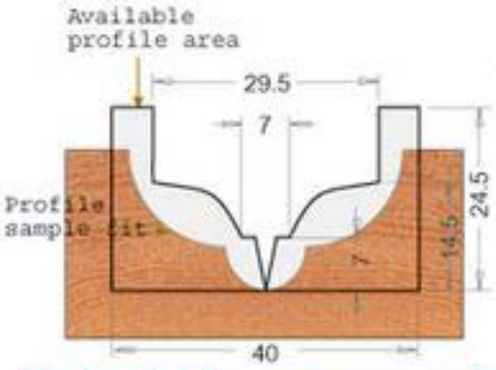
In order to get the most efficient partial profile, we use the following 3 body styles.
With the following grinding envelope, it can be determined, which part of the profile can be made by what tool. Tool diameter, profile symmetry and the overlap should also be taken into consideration of how to divide the profile.

The desired profile by the customer is studied and then, it's divided to the partial profiles in the most efficient way. One pair of knives is made for each partial profile. In order to get the complete profile, each pass of each tool will make a part of the profile. If the profile is more complicated, it may take more tools and more passes in order to complete the profile. Each complete application can have several profiles, which are assembled in line with the different body styles.At the end of the milling process, the doors are ready to be coated with PVC, Veneer or painted.

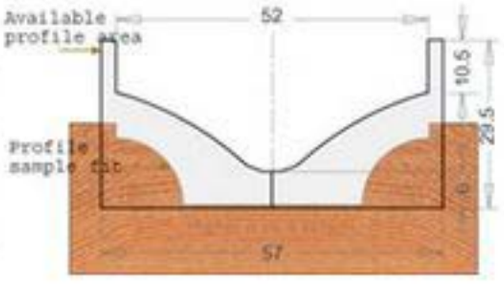
Body Style 1

Body Style 2

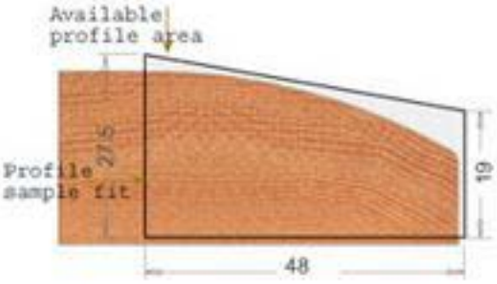
Body Style 3



ØD	L	Ød	Tool No.
40	109	3/4"	RC-2440 Customer Design

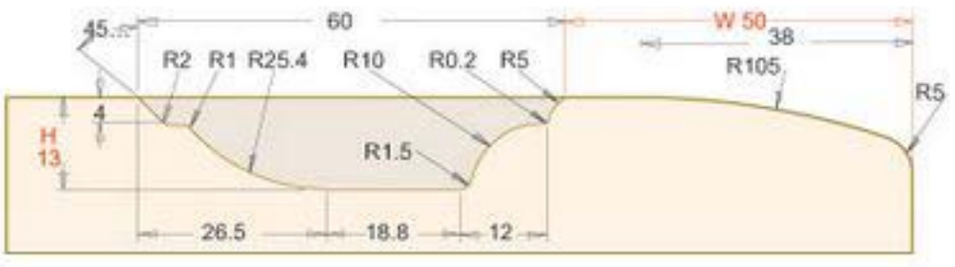


ØD	L	Ød	Tool No.
57	109	3/4"	RC-2442 Customer Design



ØD	L	Ød	Tool No.
106	99.5	3/4"	RC-4070 Customer Design

VIOLA *Style*



W= the width of the frame.
H= the maximum depth of the frame.
The dimension W determines the frame width.
The dimension H determines the profile depth.
In the example shown, W = 50 and H = 13.
Any change in the dimensions of the frame width and depth should be done according to the formula that is written on each tool drawing.