

## MICR Font Calibration Tool

Calibration is a two-step process that ensures the MICR is printed at the correct width and intensity. Print this document on the printer that is to be used to print checks. The MICR toner and check stock used to print the checks should also be loaded in the printer for accurate results.

### Step 1; verify the width:

Measure the distance between the middle of the "1" characters. The distance should be as close to 4 inches (10.16 CM) as possible. Using this calibration method, the allowable tolerance is +/- 1/8 of an inch (.32 CM); which is between 3 7/8" and 4 1/8" (9.84 CM and 10.48 CM).

IDAutomationMICR N2 (Narrow by 2 pixels at 600dpi; 1 pixel at 300 dpi)

1000 2 2 2 3 3 3 4 4 4 6 6 7 7 7 8 8 8 9 9 9 0 0 1

IDAutomationMICR N1 (Narrow by 1 pixel at 600dpi)

1000 2 2 2 3 3 3 4 4 4 6 6 7 7 7 8 8 8 9 9 9 0 0 1

IDAutomationMICR (Normal width for printers in alignment)

1000 2 2 2 3 3 3 4 4 4 6 6 7 7 7 8 8 8 9 9 9 0 0 1

IDAutomationMICR W1 (Wide by 1 pixel at 600dpi)

1000 2 2 2 3 3 3 4 4 4 6 6 7 7 7 8 8 8 9 9 9 0 0 1

IDAutomationMICR W2 (Wide by 2 pixels at 600dpi; 1 pixel at 300 dpi)

1000 2 2 2 3 3 3 4 4 4 6 6 7 7 7 8 8 8 9 9 9 0 0 1

### Step 2; verify the intensity:

Select the font from the intensity column that is closest to the intensity of a pre-printed bank check printed by a banking institution. Some banks also provide a printing and layout gauge that should be used if it is available. Use the font name that matches the appropriate row of intensity and column of width.

Intensity	Narrow 2	Narrow 1	Standard Width	Wide 1	Wide 2
Extra Light 0 2 3 4 6 7 8 0	IDAutomationMICR N2XL	IDAutomationMICR N1XL	IDAutomationMICR XL	IDAutomationMICR W1XL	IDAutomationMICR W2XL
Light 0 2 3 4 6 7 8 0	IDAutomationMICR N2L	IDAutomationMICR N1L	IDAutomationMICR L	IDAutomationMICR W1L	IDAutomationMICR W2L
Normal 0 2 3 4 6 7 8 0	IDAutomationMICR N2	IDAutomationMICR N1	<b>IDAutomationMICR</b>	IDAutomationMICR W1	IDAutomationMICR W2
Bold 0 2 3 4 6 7 8 0	IDAutomationMICR N2B	IDAutomationMICR N1B	IDAutomationMICR B	IDAutomationMICR W1B	IDAutomationMICR W2B
Extra Bold 0 2 3 4 6 7 8 0	IDAutomationMICR N2XB	IDAutomationMICR N1XB	IDAutomationMICR XB	IDAutomationMICR W1XB	IDAutomationMICR W2XB