
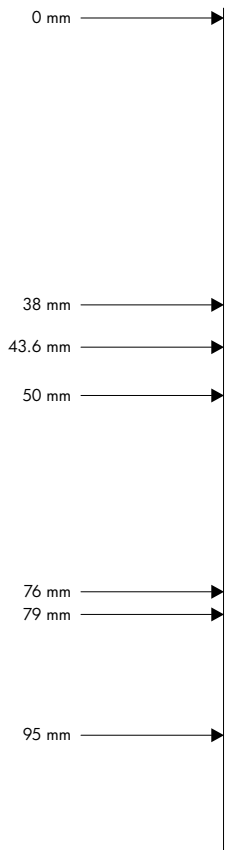


Print quality troubleshooting tools

Repetitive defects ruler

Use a ruler to measure occurrences of repetitive image defects to help solve image quality problems. Place the ruler next to the first occurrence of the defect on the page. Find the distance between identical defects and use the figure below to identify the component that is causing the defect.

 **NOTE:** When printing this defect ruler, verify that any scaling options in the print driver are disabled.



Distance between defects	Product components that cause the defect
38 mm	Toner cartridge (primary charging roller)
43.6 mm	Print engine (transfer roller)
50 mm	Toner cartridge (developer roller)
76 mm	Fuser (fuser film)
79 mm	Fuser (pressure roller)
95 mm	Toner cartridge (OPC)