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% !TEX encoding = UTF-8 Unicode
% !TEX program = pdflatex
\documentclass{article}
\usepackage{tikz}
\begin{document}
\begin{tikzpicture} [line width = 1pt]
\draw [red, dotted] (0, 0) -- (1, 0) -- (1, 1) -- (0, 0);
\draw [blue, dashed] (2, 0) -- (3, 0) -- (3, 2) -- (2, 0);
\draw [violet, dash pattern = on 1pt off 2pt on 3pt off 2pt]
(3, 0) circle [radius = 3];
\newcommand\thintriangle{(4, 0) -- (5, 0) -- (5, 3) -- (4, 0)}
\draw [green, dash pattern = on 1pt off 3pt,
dash phase = 1pt] \thintriangle;
\draw [brown, dash pattern = on 1pt off 3pt,
dash phase = 3pt] \thintriangle;
\end{tikzpicture}
\end{document}
```