```
% !TEX encoding = UTF-8 Unicode
% !TEX TS-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}
```