

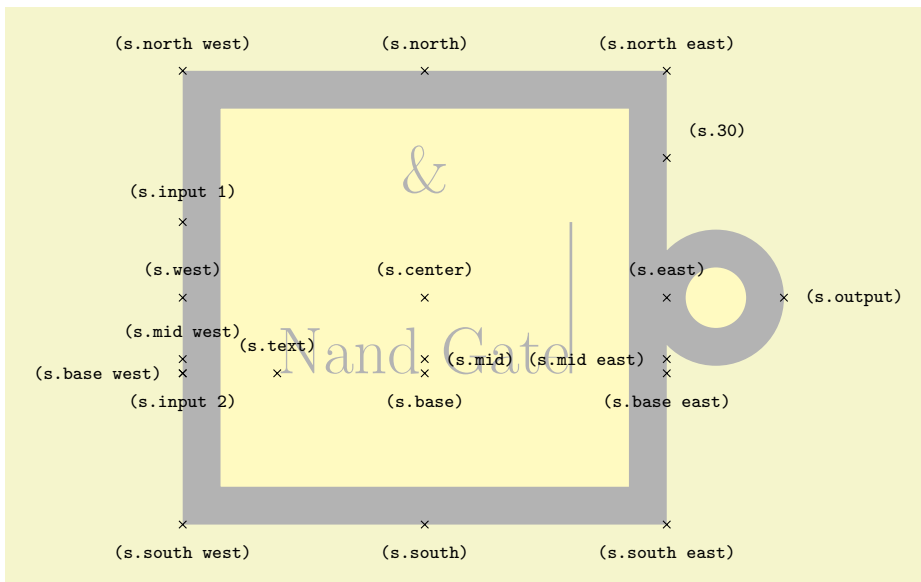
```

\Huge
\begin{tikzpicture}
  \node[name=s,shape=and gate IEC ,shape example, inner xsep=1cm, inner ysep=1cm,
    minimum height=6cm, and gate IEC symbol=\color{black!30}\char'\&]
  {And Gate\vrule width1pt height2cm};
  \foreach \anchor/\placement in
  {center/above, text/above, 30/above right,
    mid/right, mid east/left, mid west/above,
    base/below, base east/below, base west/left,
    north/above, south/below, east/above, west/above,
    north east/above, south east/below, south west/below, north west/above,
    output/right, input 1/above, input 2/below}
  \draw[shift=(s.\anchor)] plot[mark=x] coordinates{(0,0)}
    node[\placement] {\scriptsize\texttt{(s.\anchor)}};
\end{tikzpicture}

```

Shape nand gate IEC

This shape is a nand gate. It supports two or more inputs. If less than two inputs are specified an error will result. The anchors for this gate with two non-inverted inputs are shown below. Anchor 30 is an example of a border anchor.



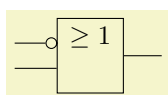
```

\Huge
\begin{tikzpicture}
  \node[name=s,shape=nand gate IEC ,shape example, inner xsep=1cm, inner ysep=1cm,
    minimum height=6cm, nand gate IEC symbol=\color{black!30}\char'\&,
    logic gate inverted radius=0.65cm]
  {Nand Gate\vrule width1pt height2cm};
  \foreach \anchor/\placement in
  {center/above, text/above, 30/above right,
    mid/right, mid east/left, mid west/above,
    base/below, base east/below, base west/left,
    north/above, south/below, east/above, west/above,
    north east/above, south east/below, south west/below, north west/above,
    output/right, input 1/above, input 2/below}
  \draw[shift=(s.\anchor)] plot[mark=x] coordinates{(0,0)}
    node[\placement] {\scriptsize\texttt{(s.\anchor)}};
\end{tikzpicture}

```

Shape or gate IEC

This shape is an or gate. It supports two or more inputs. If less than two inputs are specified an error will result. See the and gate IEC shape for the anchors.



```

\begin{tikzpicture}[minimum width=.875cm, minimum height=1cm]
  \node[or gate IEC, draw, logic gate inputs=in] (A) {};
  \draw (A.input 1 -| -1,0) -- (A.input 1) (A.input 2 -| -1,0) -- (A.input 2)
    (A.output) -- ([xshift=0.5cm]A.output);
\end{tikzpicture}

```