```python
gadgets = [
    Gadget('YXXX', phase=1/8),  Gadget('XYXX', phase=1/8),
    Gadget('XXYX', phase=-1/8), Gadget('YYYX', phase=-1/8),
    Gadget('YYXY', phase=1/8),  Gadget('XXXY', phase=1/8),
    Gadget('XYYY', phase=-1/8), Gadget('YXYY', phase=-1/8)
]

circuit = GadgetCircuit(gadgets)
circuit.draw()
```