

CAD (layout)

### high resolution mask

(e-beam lithography via KIT/IMT)

2.7 $\mu$ m titanium

smallest dimension  
~0.5 $\mu$ m  
sub- $\mu$ m details possible

good for resist <100 $\mu$ m  
(gold height 2.2 $\mu$ m)

Ø70mm round

### low contrast mask

laserlithography

5 $\mu$ m polyimid

2.5 $\mu$ m smallest dimension

for up to 100 $\mu$ m  
high resist  
(gold height 3.2 $\mu$ m)

Ø70mm or Ø100mm

### high contrast mask

X-ray copy of low contrast mask or high resolution mask

100 $\mu$ m silicon

smallest dimension from  
low contrast mask

for up to 2000 $\mu$ m high  
resist  
(gold height 35 $\mu$ m)

Ø70mm or Ø100mm

### high contrast mask

laserlithography

100 $\mu$ m silicon

8 $\mu$ m smallest  
dimension

for up to 800 $\mu$ m  
high resist  
(gold height 25 $\mu$ m)

Ø70mm or Ø100mm

Please contact us to receive details about the realisation of your specific mask requirements.

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