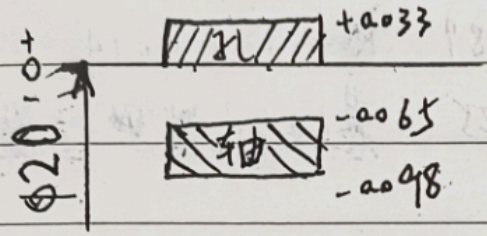
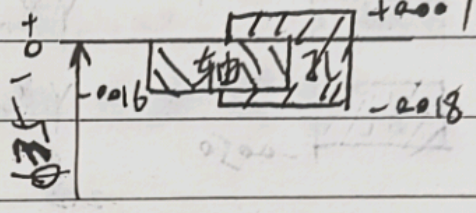
2. ① 孔：$\phi 20^{+0.033}_{0}$　轴 $\phi 20^{-0.065}_{-0.098}$　间隙配合

$X_{min}=0.065$　$X_{max}=0.131$　$T_f=X_{max}-X_{min}=0.066$

H8d8





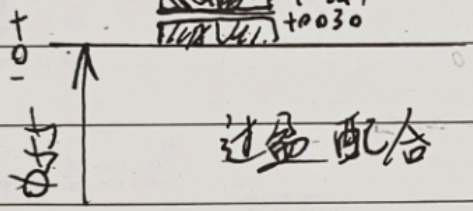
② 孔：$\phi 35^{+0.007}_{-0.018}$　轴：$\phi 35^{+0.023}_{-0.002}$　过渡配合

7　6

$Y_{max}=-0.018$　$X_{max}=0.023$　$T_f=0.041$

k7h6

③ 孔：$\phi 35^{+0.030}_{0}$　轴：$\phi 35^{+0.060}_{+0.041}$



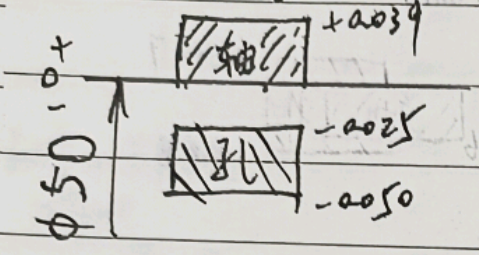
过盈配合

$Y_{max}=-0.060$　$Y_{min}=-0.011$

$T_f=0.049$

H7r6

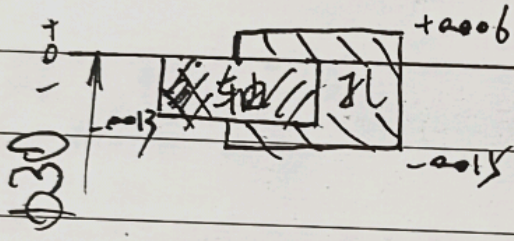
3.(1) $\phi 50 \frac{H8}{f7}$ 39 25 ES = +0.039 EI = 0 es = -0.025 ei = -0.050



$Y_{max} = 0.089$ $T_f = 0.064$

$Y_{min} = 0.025$ 基轴制 间隙过盈配合

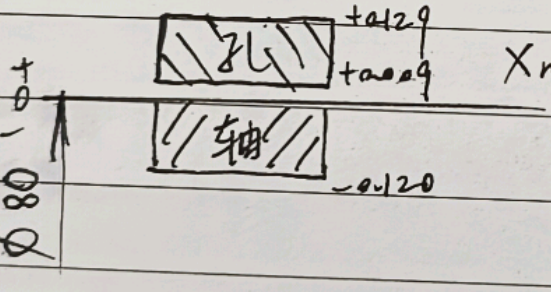
(2) $\phi 30 \frac{K7}{h6}$ 21 13 ES = 0.006 EI = -0.015 es = 0 ei = -0.013



$X_{max} = 0.019$ $Y_{max} = -0.015$ $T_f = 0.034$

基轴制 过渡配合

(3) $\phi 80 \frac{G10}{h10}$ 120 120 ES = 0.129 EI = 0.009 es = 0 ei = -0.120

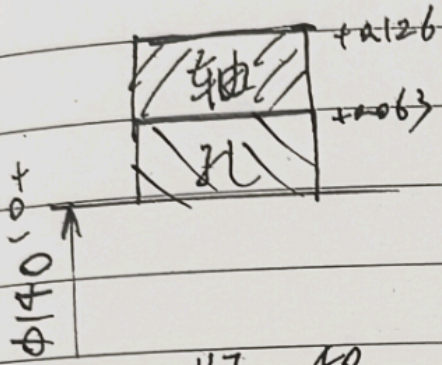


$X_{max} = 0.249$ $X_{min} = 0.009$ $T_f = 0.240$

基轴制 间隙配合

(4) $\phi 140 \frac{H8}{r8}$ 63 $ES=+0.063$ $es=+0.126$

63 $EI=0$ $ei=+0.063$

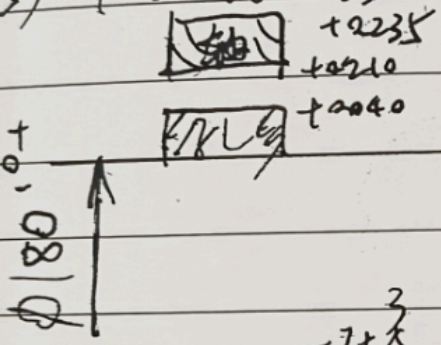


$Y_{max}=-0.126$ $Y_{min}=0$ $T_f=0.126$

基孔制 过盈配合

(5) $\phi 180 \frac{H7}{u6}$ 40 $ES=+0.040$ $es=+0.235$

25 $EI=0$ $ei=+0.210$

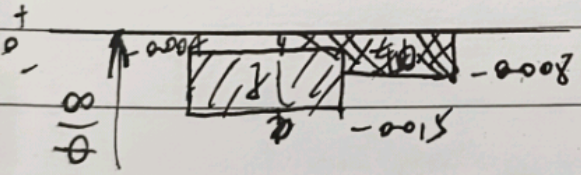


$Y_{max}=-0.235$ $Y_{min}=-0.170$ $T_f=0.065$

基孔制 过盈配合

(6) $\phi 18 \frac{M6}{h5}$ 11 $ES=-0.004$ $es=0$

8 $EI=-0.015$ $ei=-0.008$



$X_{max}=+0.004$ $Y_{max}=-0.015$

$T_f=0.019$

基轴制 过渡配合