2.1

1.

2.

3.

1. **0~150mm** ' ¾ 0.02 **mm**

2. **0~25mm** ' ¾ 0.004 **mm**

3. **1000g** ' ¾ 0.5**g**

50

0.02mm 50

0 1 2 3 … 9

30

30 “6” 6

0.60mm

(1)

(2)

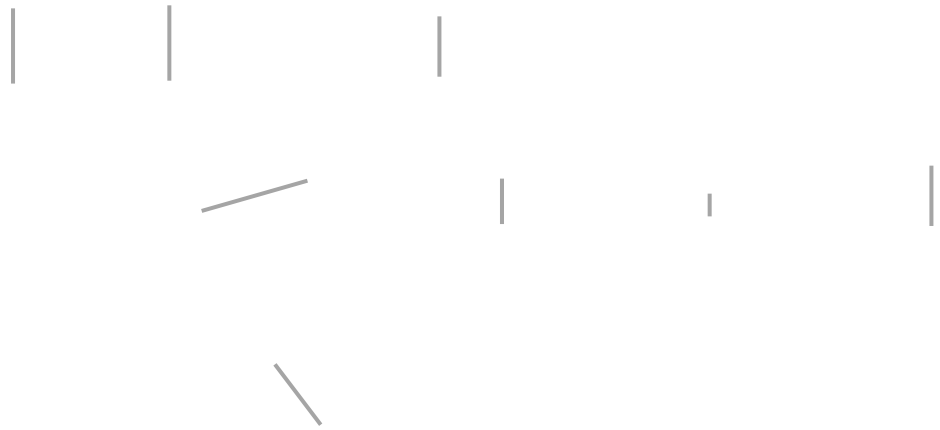
(3)

(4)

2.

0.5mm **0.5mm**

50

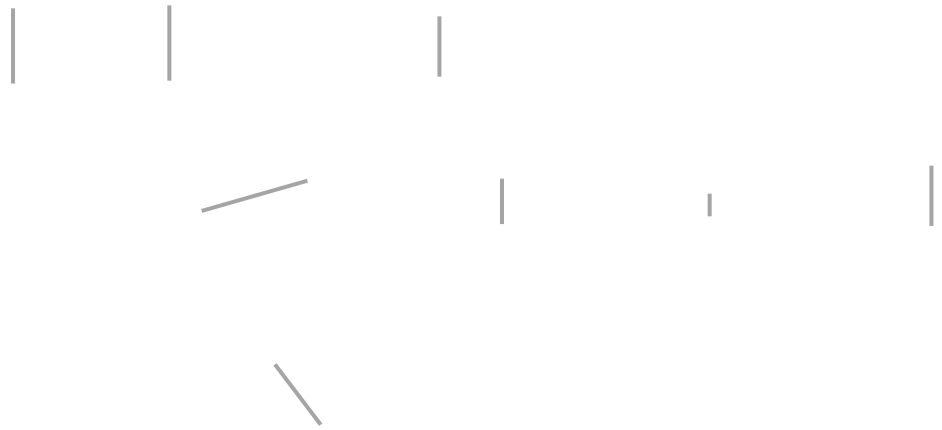


50

0.5mm

0.01mm

0.01mm



= +

L 10.0 0.03 0.001 10.031 **(mm)**

(1)

x_0 ! 0 x_0 0

L $L_{ÿAÏ\ D}$ x_0

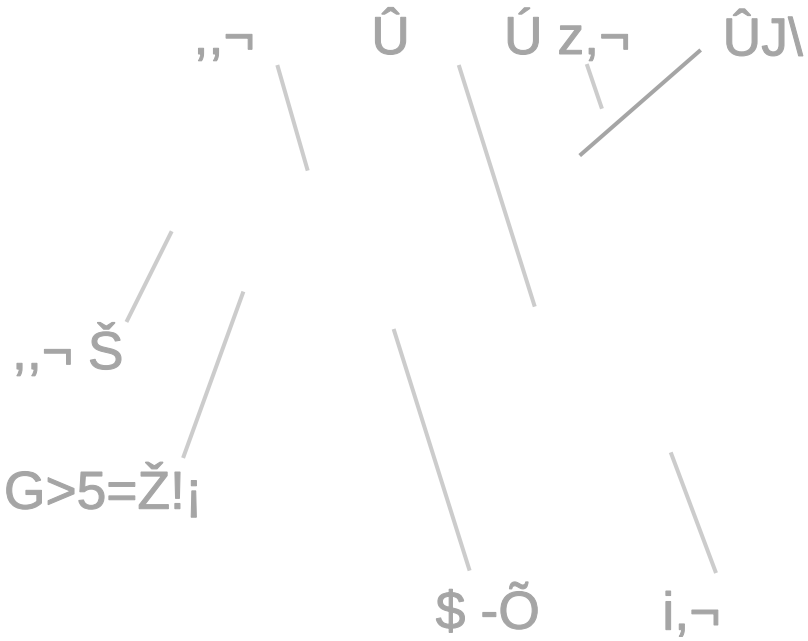
(2)

“ ”

(3)

(4)

3.



(1)

(2)

1.

D

D È

$$V \quad \frac{\text{ئ}}{6} D^3$$

V

2.

D

D_Y h

m

$$U \quad \frac{m}{V} \quad \frac{4m}{S h \; D_{\hat{e}}^2 \quad D_Y^2}$$

1. D

6 **2-1**

V $\bar{V}$ **(m^3)**

2.

D D h **6**

m

2-1

3.

$$U_{\upsilon} = \sqrt{\left(\frac{U_m}{\bar{m}}\right)^2 + \left(\frac{U_h}{\bar{h}}\right)^2 + 4\left(\frac{U_{D_{\hat{e}}}}{\bar{D}_{\hat{e}}}\right)^2 + 4\left(\frac{U_{D_Y}}{\bar{D}_Y}\right)^2}$$

: $\rho = U_{\upsilon}$ kg/m3 Ä