

$$W_2 = \frac{g}{h \tau \omega r} \left[ \frac{1 - M_0 \tau \omega r}{\tau \omega r + M_0} \right]$$

$$W_2 \approx \frac{g}{h \tau \omega r}$$

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$$V = W \cdot r$$

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$$r = 5 \text{ mm}$$

$$W =$$

$$g_s = [m] \tau \omega$$

$$[m] = \tau \omega$$

$$V = \frac{g}{g_s} = \frac{g}{g_s} m$$

$$W = \frac{V}{r} = \frac{g}{g_s} = 22 \frac{r}{s}$$

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