

Inertia and the Use of Inertia Figures to Aid in Selection

9 Ua d`Y; YUfVcl :

'.%fUhcž- \$i `YZZ]VYbłž\$') &_[`Vđ & f\$"\$\$\$\$) &_[`a &ŁfYZYVMX `]bYfh]U`Uh]bdi h

Gcž]ZUWV`YfUhc]cb`1`%\$`FUXg#gYVW

bdi hłcfei Y`bYYXYX`1`]bYfh]U`f]b`_[`a &ŁI`UWV`YfUhc]cb`f]b`fUX]Ubg`dYf`gYVđ`bX&Ł

bdi hłcfei Y`bYYXYX`1`\$"\$\$\$\$) &_[`a &I`%\$`FUXg#gYVW`1`\$"\$\$\$\$) &Ba

5`gcž]Z]bYfh]U`cZ`cUX`\$"\$*\$`&_[`a &fł`&_[`Vđ & ŁUhc] hdi hłcZi b]h

FYZYVMX`]bYfh]U`Uh]bdi hk`]`[c`i`d`łc`\$"\$\$,`%+`_[`a &f]`%+`_[`Vđ &Ł

Hłcfei Y`bck`k`]`bYYX`łc`VY`\$"\$,`%+Ba`"

I g]b[`h`Y`W`V`U`h]cbgVY`ck .

$$H1`A`ž` \frac{JL}{R^2 n}$$

⌘f]_[`a &ŁI`UWV`YfUhc]cb`Uh]bdi hłfUX]Ubg`dYf`gYVđ`bX&Ł`1`UWV`YfUhc]cb`łcfei Y`bYYXYX`Ba

⌘`1`hchU`fYZYVMX`]bYfh]U`Uh]bdi hłcZ[YUfVcl`i`b]hłf]_[`a &Ł

⌘`1`fYZYVMX`]bYfh]U`cZ[YUfVcl`f]_[`a &Ł

⌘`1`]bYfh]U`cZ`cUX`Uh[YUfVcl`ci`hdi`h`f]_[`a &Ł

F`1`fUhc]c`.%

b`1`YZZ]VYbłž\$`

1 radian (rad) = 57.5928°

1.0 x 10⁻² = 0.01

1 kg m² = 10,000 kg cm²

1.0 x 10⁻³ = 0.001

1 kg m² = 1,000,000,000 g mm²

1.0 x 10⁻⁴ = 0.0001

1 m² = 1,000,000 mm²

1.0 x 10⁻⁵ = 0.00001

1 m² = 1,000,000 mm²

1.0 x 10⁻⁶ = 0.000001

1 m² = 10,000 cm²

1.0 x 10⁻⁷ = 0.0000001