

Units Conversion

Listed Alphabetically

| To Convert | To | Multiply By |
|-------------------|----------------------|------------------------|
| arc min | deg | 0.0167 |
| deg | rad | 0.0175 |
| deg/s | RPM | 0.1667 |
| deg/s | rad/s | 1.745×10^{-2} |
| °C +17.78 | °F | 1.8 |
| °F -32 | °C | 0.555 |
| ft | mm | 304.8 |
| g | oz | 0.0353 |
| g-cm | oz-in | 1.389×10^{-2} |
| g-cm ² | oz-in-s ² | 1.416×10^{-5} |
| hp | W | 745.7 |
| in | m | 0.0254 |
| in | mm | 25.4 |
| in ² | mm ² | 645.2 |
| in/s | m/s | 0.0254 |
| kg-m | lb-ft | 7.233 |
| kg-m | lb-in | 0.6026 |
| kg | oz | 35.274 |
| kg-m ² | oz-in-s ² | 141.6 |
| kg | lb | 2.205 |
| (lb-ft)(kRPM) | hp | 0.1904 |
| kRPM | rad/s | 104.7 |
| kW | hp | 1.341 |
| lb | kg | 0.4536 |

| To Convert | To | Multiply By |
|----------------------|----------------------|------------------------|
| lbf | N | 4.448 |
| lb-ft | lb-in | 12 |
| lb-ft | oz-in | 192 |
| (lb-ft)(RPM) | W | 0.142 |
| lb-ft ² | lb-in-s ² | 0.37272 |
| lb-ft ² | oz-in-s ² | 5.969 |
| lb-in | kg-cm | 165.96 |
| lb-in | kg-m | 1.6596 |
| lb-in | Nm | 0.113 |
| (lb-in)(kRPM) | W | 11.83 |
| lb-in ² | lb-in-s ² | 2.590×10^{-3} |
| lb-in-s ² | kg-cm ² | 1130 |
| lb-in-s ² | kg-m ² | 0.113 |
| lb-in-s ² | oz-in-s ² | 16 |
| m | mm | 1000 |
| m ² | in ² | 1550 |
| mm | in | 3.937×10^{-2} |
| mNm | oz-in | 0.1417 |
| mrad | arc min | 3.48 |
| m/s | ft/s | 3.2808 |
| m/s | in/s | 39.4 |
| μm | μin | 39.37 |
| μrad | arc sec | 0.206 |
| N | oz | 3.597 |

| To Convert | To | Multiply By |
|----------------------|----------------------|------------------------|
| N | lbf | 0.225 |
| Nm | lb-ft | 0.738 |
| Nm | lb-in | 8.85 |
| (Nm)(kRPM) | W | 104.7 |
| oz | g | 28.35 |
| oz | N | 0.278 |
| oz-in | lb-in | 0.0625 |
| oz-in | mNm | 7.062 |
| (oz-in)(kRPM) | W | 0.7394 |
| oz-in ² | oz-in-s ² | 2.590×10^{-3} |
| oz-in-s ² | lb-in-s ² | 0.0625 |
| oz-in-s ² | kg-m ² | 7.062×10^{-3} |
| rad | deg | 57.3 |
| rad/s | RPM | 9.549 |
| rad/s | RPS | 0.1592 |
| rad/s ² | rev/s ² | 0.1592 |
| rev | rad | 6.283 |
| RPM | deg/s | 6 |
| RPM | rad/s | 0.1047 |
| W | hp | 1.341×10^{-3} |