

**Table 12.4 Skin roughness value ( $k$ )**

Surface	$k$
Camouflage paint on aluminum	$0.40 \times 10^{-3}$ in.
Smooth paint	$0.25 \times 10^{-3}$ in.
Production sheet metal	$0.16 \times 10^{-3}$ in.
Polished sheet metal	$0.06 \times 10^{-3}$ in.
Smooth molded composite	$0.02 \times 10^{-3}$ in.