

FACETERDEVNORMAL System Variable

[GstarCAD 2027](#) · [System Variables](#)

System Variables > F System Variables > FACETERDEVNORMAL

Function Description:

The FACETERDEVNORMAL system variable is set the maximum angle between surface normal and adjacent mesh faces.

Type	Real
Saved in	User-settings
Initial value	40

It can keep visual consistency for the same shaped mesh objects with different sizes. Users can input a non-negative number from 0 to 180.Lowering the value increases the density in areas of high curvature and decreases density in flatter areas.
Lowering the value might increase the drawing file size, and should be saved for larger objects with highFACETERDEVSURFACE?settings. Avoid lowering this value for objects with small details such as holes or fillets.
Note: the value of this system variable reflects the value for objects with zero smoothness.

Other versions with matching text

[2022](#) · [2023](#) · [2024](#) · [2025](#) · [2026](#)

Online URL: <https://www.kb2.gstarcad.com.my/article.php?id=3155>