Process-route comparison

MANIK TRADING technical reference table

Feature	Hot finished	Cold drawn
Final deformation temperature	High, near/above recrystallization range	Below recrystallization range
Typical dimensional capability	Specification-dependent, generally lower	Generally higher
Surface	Scale and hot-process marks may matter	Smoother surface, but starting defects may elongate
Residual stress	Often lower after controlled cooling	Can be higher unless heat treated
Anisotropy	Depends on rolling/extrusion route	Drawing texture may increase directionality

Source / basis: ASTM International — Steel standards and tubular product specifications