

Common API 5CT grades

Grade family	General engineering use	Selection caution
H40 / J55 / K55	General casing grades for conventional duties	Depth, design loads, collapse capacity and burst capacity are part of the design basis.
N80	Higher-strength casing and tubing applications	Product type and heat-treatment condition are verified by the MTC.
L80	A family including Type 1 and chromium-bearing options	Sour/corrosive service requires separate project and NACE/ISO evaluation.
C90 / T95	Controlled-property grades for selected completion conditions	Hardness, mechanical properties and environmental limits are important.
P110 / Q125	High-strength grades	Environmental cracking, connection performance and inspection rigor are independent technical considerations.

Source / basis: <https://niktrd.com/api-5ct>