3 inputs determine the right specialty fitting.

A distributor-facing pre-quote checklist. If the customer answers most of these at the first call, the second call is the quote.

01 **Is this an instrumentation / analyzer line or a commercial-vehicle brake circuit?**

The specialty branch is a hard yes/no. Instrumentation / analyzer → double-ferrule SS tube fitting on the B31.3 basis. Brake circuit → DOT. **The regulatory category is the answer, not a preference.**

02 **What's the tube material and OD, and is it metric or inch?**

Double-ferrule fittings are sized to the tube OD and re-seal on the same ferrules across many re-makes. DOT fittings are built for SAE J844 DOT nylon air-brake tubing. Confirm the OD with a caliper before pulling part numbers.

03 **What's the code basis or certification the connection must meet?**

Instrumentation runs on ASME B31.3 / B31.1. Brake circuits run on 49 CFR Parts 393/571 and FMVSS 121. **A non-DOT fitting in a brake circuit is an Out-of-Service violation and unbounded liability if a crash results**: there is no industrial substitute.