

Why DIN 2448 is not a grade

Technical element	Function	Correct description example
Dimensional standard	OD, wall series and conventional mass	Legacy DIN 2448 or current EN 10220
Product/material standard	Grade, properties, manufacture and testing	EN 10216-1, EN 10216-2 or approved project specification
Grade	Target chemistry and mechanical properties	P235TR2, P235GH, etc.
Technical definition	Test category, NDT, length, tolerance and documents	Project datasheet and technical specification

Source / basis: <https://niktrd.com/din-2448>