





Table 2 Typical examples of chemical composition of R 434 LN-2

(wt %)												
	C	Si	Mn	P	S	Ni	Cr	Mo	N	Al	Nb	Nb/C+N
Specification	≤0.020	≤1.0	≤1.0	≤0.040	≤0.030	≤0.60	17.50~ 19.50	1.75~ 2.25	—	0.1~ 0.4	—	≥10
An example of plates	0.002	0.15	0.15	0.025	0.005	0.10	18.10	2.00	0.0050	0.22	0.24	34

Table 3 Mechanical properties of 6 mm thick R 434 LN-2 plate

	Tensile test			Bend test	Impact test
	0.2% proof strength	Tensile strength	Elongation in G I		
					2 mm V notch Charpy

Table 4. Mechanical properties of the cold pressed head plate

Table 5. Chemical composition of the cold pressed head plate

100 1000 10000 100000 1000000

Table 7 Welding conditions of 6 mm thick R 434 LN-2

Table 8 Chemical composition of matching composition

	MIG welding	TIG welding	sumable	(wt %)
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参 考 文 献

W. O. Rieder, H. D. G. ...