

IBNi 24

Is suitable for welding similar high strength, high corrosion resistant nickel Based alloys. It is possible to join ferrite and austenitic steels and to build up steels. Because of its high elastic limit it is possible to use the wire when welding steel with 9% nickel content. The wire is mainly used for applications in the aerospace industry, the chemical industry as well as in salt water areas.

Recommended for:

1.4529, 1.4539, 2.4856, 2.4858

Material analysis:

C	Si	Cr	Mo	Nb	Fe	Ni
< 0,03	0,25	22,0	9,0	3,5	1,0	Basis

(test certificates upon request.)

Standard/Mechanical Values:

Ø	N / mm ²	elongation AL100	Items on stock	
			rods	spools
0,2	-	-	-	-
0,3	106	3,60	X	X
0,4	1906	3,40	X	X
0,5	1736	3,30	X	X
0,6	-	-	-	-
0,7	-	-	-	-
0,8	-	-	-	-