

IBFe12

Is suitable for layer welding of and repairs to warm-working tools made from low-alloyed and non-alloyed steels. The weld is stable at temperatures, has a high wear resistance and annealing durability.

The microstructure of the un-annealed weld is martensitic with remains of austenite and carbides.

Recommended for:

1.2343, 1.2344, 1.2367 - 1.2606, 1.2764 – 1.2767

Rework:

Material analysis:

C	Si	Mn	Cr	V	W	Fe
0,3	0,3	0,3	2,3	0,5	4	Rest

(test certificates upon request.)

Standard/Mechanical values:

Ø	N / mm ²	elongation AL100	Items on stock	
			rods	spools
0,2	-	-	-	-
0,3	-	-	-	-
0,4	987	2,10	X	X
0,5	815	2,30	X	X
0,6	002	6,00	X	X
0,7	-	-	-	-
0,8	-	-	-	-