

IBFe21

Is 100 % comparable to the IBFe20.

But the QuFe21 has no copper coating. In this case there are advantages for highly polished moulds. Furthermore it is used for highly wear resistant buildups on machine parts and tools which are subject to heavy abrasion and compression combined with moderate impact at elevated temperatures, such as slide, guide and sealing surfaces.

Low wear when using fiber-glass re-enforced plastics.

Workable by grinding with tungsten carbide tools

Recommended for:

1.2082, 1.2083, 1.2311, 1.2312, 1.2343, 1.2344, 1.2367-2606, 1.2764 – 2767, 1.2842

Rework:

The weld can be eroded, structured, polished, Chrome-plated, etched, nitrated, annealed and hardened.

Material analysis:

C	Si	Mn	Cr	Mo	Ti	Fe
0,35	0,3	1,2	7,0	2,0	0,3	Rest

(test certificates upon request.)

Standard/Mechanical Values:

Ø	N / mm ²	elongation AL100	Items on stock	
			rods	spools
0,2	-	-	-	-
0,3	442	3,00	X	X
0,4	347	2,70	X	X
0,5	1242	2,20	X	X
0,6	1098	2,80	X	X
0,7	-	-	-	-
0,8	961	3,50	X	X