

IBFe10

Is chosen for changing and repairing shaped cavities in hardened materials: 1.2311- 1.2312 - 1.2738 - 1.2162.

The weld is suitable for shot peening=sp, hardening=ha, nitrifying=ni, etching=et, polishing=po, chroming=chr.

Possible Hardness: 28 – 37 HRC.

Dependent on layers and hardness of the base material

Recommended for basic materials:

1.2311, 1.2312, 1.2162, 1.2738

Rework:

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

Material analysis:

C	Si	Mo	Mn	Fe
0,1	0,6	0,5	1,1	rest

(test certificates upon request.)

Standard / Mechanical values:

Ø	N / mm ²	elongation AL100	Items on stock	
			rods	spools
0,2	1.245	1,7	X	X
0,25				X
0,3	1.273	2,2	X	X
0,4	1.135	2,4	X	X
0,5	1.130	2,7	X	X
0,6	1.047	2,9	X	X
0,7	991	3,1	X	
0,8	1.022	2,7	X	