



IBFe10Cr

Is preferred for changes to and repairs of mould cavities made from tempered materials 1.2311, 1.2312, 1.2162 und 1.2738.

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

The Cr-content in the weld increases the tensile strength, cutting edge quality and the resistance to wear.

Possible Hardness: 28 – 37 HRC.

Dependent on layers and hardness of the base material

Recommended for:

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	Cr	Fe
0,1	0,5	0,5	0,8	1,2	Rest

(test certificates upon request.)

Standard / Mechanical values:

Ø	N / mm ²	elongation AL100	Items on stock	
			Stab	Spule
0,2				
0,3			X	
0,4	987	1,6	X	
0,5	1107	2,4	X	
0,6	1123	2,8	X	
0,7				
0,8				