



## IBFe13

Is, due to the excellent hot wear resistance and toughness used for highly stressed hot working tools, which are simultaneously subjected to high mechanical, thermal and abrasive loads, such as forging dies and hammers, press stamps, die cast moulds, hot shear blades and for filling engravings by using cheaper base metals.

### Recommended for basic materials:

1.2343, 1.2344, 1.2082, 1.2083, 1.2367-1.2606

### Rework:

The weld can be heat treated, nitrated, chrome-plated, CVD coated, polished and machined

### Material analysis:

C	Si	Mn	Cr	Mo	Ti	Fe
0,25	0,5	0,7	5,0	4,0	0,6	Rest

(test certificates upon request.)

### Standard / Mechanical values:

Ø	N / mm <sup>2</sup>	elongation AL100	Items on stock	
			rods	spools
0,2	081	1,70	X	X
0,25	-	-	-	-
0,3	-	-	-	-
0,4	988	1,80	X	X
0,5	1115	3,00	X	X
0,6	1032	2,90		X
0,7	950	2,60	X	
0,8	835	4,20	X	X