



## **IBFe72**

Is used for repair and preventative maintenance and production of highly stressed hot and cold working tools such as punching tools, cold and hot cutting knives, aluminum castings, cold drop-forged, drawing stamping and chamfering tools.

The weld deposit is, in an as-welded condition, machine workable and the subsequent artificial aging optimizes the resistance to hot wear and alternating temperatures.

### **Recommended for:**

Cold- and warm working steel with high stress: 1.6356

### **Material analysis:**

| C    | Mo  | Ni   | Co   | Ti  | Al  | Fe   |
|------|-----|------|------|-----|-----|------|
| 0,02 | 4,0 | 18,0 | 12,0 | 1,6 | 0,1 | Rest |

(test certificates upon request.)

### **Standard/Mechanical Values:**

| Ø   | N / mm <sup>2</sup> | elongation<br>AL100 | Items on stock |        |
|-----|---------------------|---------------------|----------------|--------|
|     |                     |                     | rods           | spools |
| 0,2 | -                   | -                   | -              | -      |
| 0,3 | -                   | -                   | -              | -      |
| 0,4 | -                   | -                   | -              | -      |
| 0,5 | -                   | -                   | -              | -      |
| 0,6 | -                   | -                   | -              | -      |
| 0,7 | -                   | -                   | -              | -      |
| 0,8 | -                   | -                   | -              | -      |