

## Material specification sheet

### Saarstahl - 37MnB5 (40MnB4)

Material No.:

1.5538 (1.5527)

Former brand name:

International steel grades:

BS: 10/1

AFNOR:

SAE:

**Material group:**

Boron alloyed steel suitable for hardening and tempering

<b>Chemical composition:</b> (Typical analysis in %)	<b>C</b>	<b>Si</b>	<b>Mn</b>	<b>B</b>	<b>P</b>	<b>S</b>
	0,37 0,40	<0,40	0,80 1,10	0,0008 0,0050	<0,035	<0,035

**Application:**

**Hot forming and  
heat treatment:**

**Mechanical  
Properties:**