

## 1.4713

<b>Material No.</b>	1.4713
<b>EN symbol (short)</b>	X10CrAlSi7
<b>AISI/SAE</b>	—
<b>UNS</b>	—
<b>AFNOR</b>	—
<b>BS</b>	—
<b>alloy</b>	—
<b>Registered work's label</b>	—
<b>Standards</b>	DIN EN 10095, SEW 470

### DESCRIPTION

Material 1.4713 is a heat-resistant steel, chiefly used in building of industrial furnaces and apparatus engineering.

Our product range in 1.4713 are tubes and pipes, fittings and flanges, accessories.

### CHEMICAL COMPOSITION <sup>1</sup>

C ≤ %	Si %	Mn ≤ %	P ≤ %	S ≤ %	Cr %	Mo	Ni	V
0,12	0,5-1,0	1,0	0,04	0,015	6,0-8,0			
Nb	Ti	Al %	Co	Cu	N	Fe		
		0,5-1,0						

<sup>1</sup> in accordance with Key to Steel 2001

### SPECIAL CHARACTERISTICS

Temperature range	Density kg/m <sup>3</sup>	Hardness (HB)
up to 800°C in air	7,7	≤ 192
heat-resistant steel		

### WELDING FILLER

1.4551, 1.4716, 1.4723, 1.4820, 1.4829

### MAIN FIELDS OF APPLICATION (depending on the specific conditions of use)

building of industrial furnaces, apparatus engineering

(all aforementioned specifications serve as a general orientation and have to be reviewed depending on the specific conditions of use)