

1.4841

Material No.	1.4841
EN symbol (short)	X15CrNiSi25-20
AISI/SAE	314 / 314L
UNS	S 31400
AFNOR	Z 15 CNS 25-20
BS	—
alloy	—
Registered work's label	Cronifer®2520
Standards	DIN EN 10095, SEW 470

DESCRIPTION

The heat-resistant steel 1.4841 is mainly used in industrial furnaces, waste incineration plants, thermal treatment plants, and in the petrochemical industry.

Our product range in 1.4841 are tubes and pipes, fittings and flanges, accessories.

CHEMICAL COMPOSITION ¹

C ≤ %	Si %	Mn ≤ %	P ≤ %	S ≤ %	Cr %	Mo	Ni %	V
0,20	1,5-2,5	2,0	0,045	0,03	24,0-26,0		19,0-22,0	
Nb	Ti	Al	Co	Cu	N	Fe		

¹ in accordance with Key to Steel 2001

SPECIAL CHARACTERISTICS

Temperature range	Density kg/m ³	Hardness (HB)
heat-resistant in air up to 1150°C	7,9	≤ 223
heat-resistant steel		

WELDING FILLER

1.4842

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

industrial furnaces, waste incineration plants, thermal treatment plants, petrochemical industry

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