

1.4724

X10CrAlSi13 / H13JS

HEAT RESISTANT FERRITIC STEEL

APPLICATION

Rocker bars, rails, grates, thermocouple protection sheaths.

CHEMICAL COMPOSITION

Chemical composition (in weight %)

Element	C	Si	Mn	P	S	Cr	Al
min	max.	0.70	max.	max.	max.	12.00	0.70
max.	0.12	1.40	1.00	0.04	0.015	14.00	1.20

TREATMENT

Annealing	800 -860 °C / water, air
Heat treatment condition	annealed
Microstructure	Ferrite

WELDABILITY

Heating up and electro welding. Suitable welding filler materials: 1.4502; 1.4723; 1.4773; 1.4820; 1.4829.
Preheating up to 200 - 300 °C is recommended.

TEMPERING DIAGRAM

