



Wr.Nr.	PN	EN	GOST	AISI
1.0545	18G2A	S355	15ГФ	-

## CHEMICAL COMPOSITION

Chemical composition (in weight %)

Element	C	Si	Mn	P	S	Cr	Mo	Ni	V	Ti	Cu	Al	Nb
min	max.	max.	0.90	max.	max.	max.	max.	max.	max.	max.	max.	min.	max.
max	0.20	0.50	1.65	0.03	0.025	0.30	0.10	0.50	0.12	0.05	0.55	0.02	0.05

## APPLICATION

Mostly for building structures, bridges, nets and bars to reinforce concrete, for pressurized tanks and pipes.

## MECHANICAL PROPERTIES

Condition	Normalized (+N)
Hardness	Depend on thickness

$$CEV = C + Mn : 6 + (Cr+Mo+V) : 5 + (Ni+Cu) : 15$$

**NOTE:** All technical information is for reference only.