

1045 AISI (USA)

Standards

AISI

American Iron and Steel Institute

Chemical composition

C 0.43 - 0.50

Mn 0.6 - 0.9

P < 0.04

S < 0.04

Fe Rest

Si : By agreement

When boron treatment for killed steels is specified, the steels can be expected to contain 0.0005 - 0.003% B.

If the usual titanium additive is not permitted, the steels can be expected to contain B > 0.005.