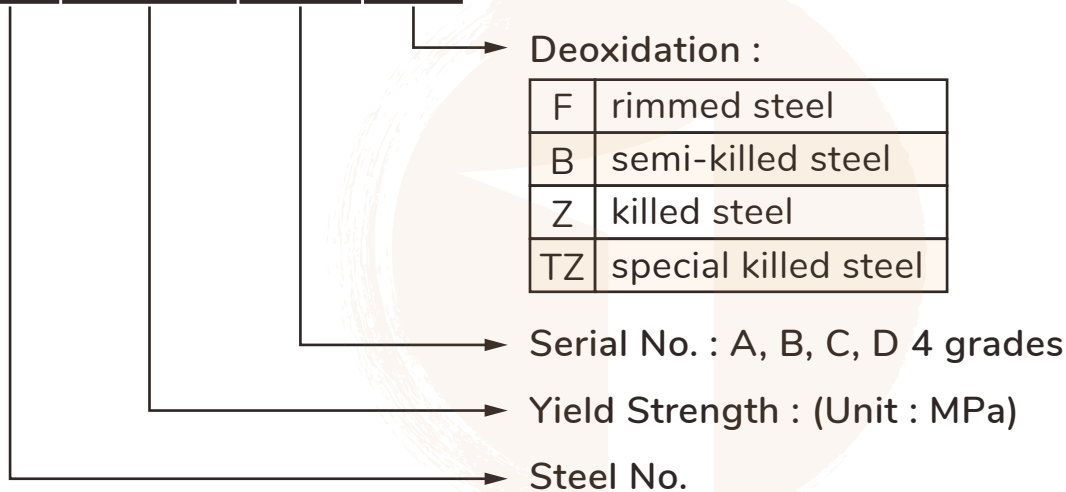


NATIONAL STEEL SYMBOL SPECIFICATION

GB Steel Symbol Denotation (PRC National Standard)

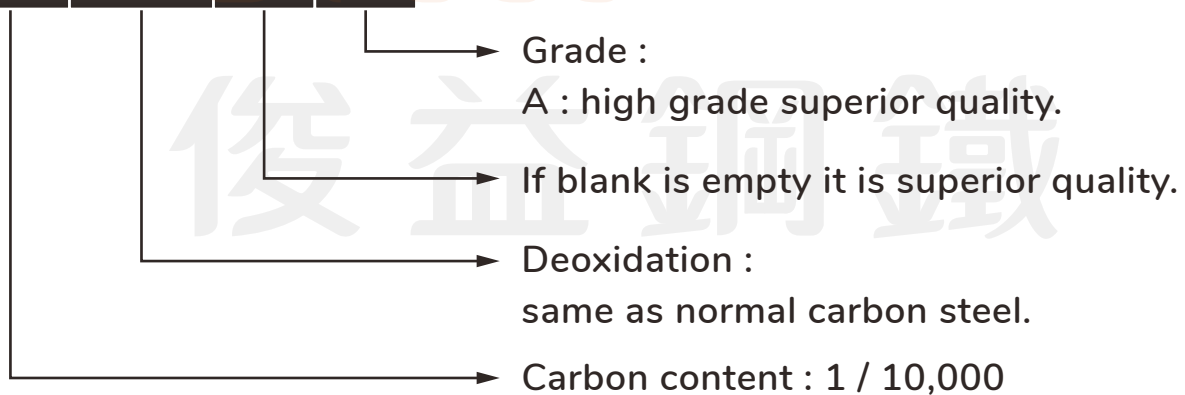
1. Normal Carbon Steel

Q 215 -A F

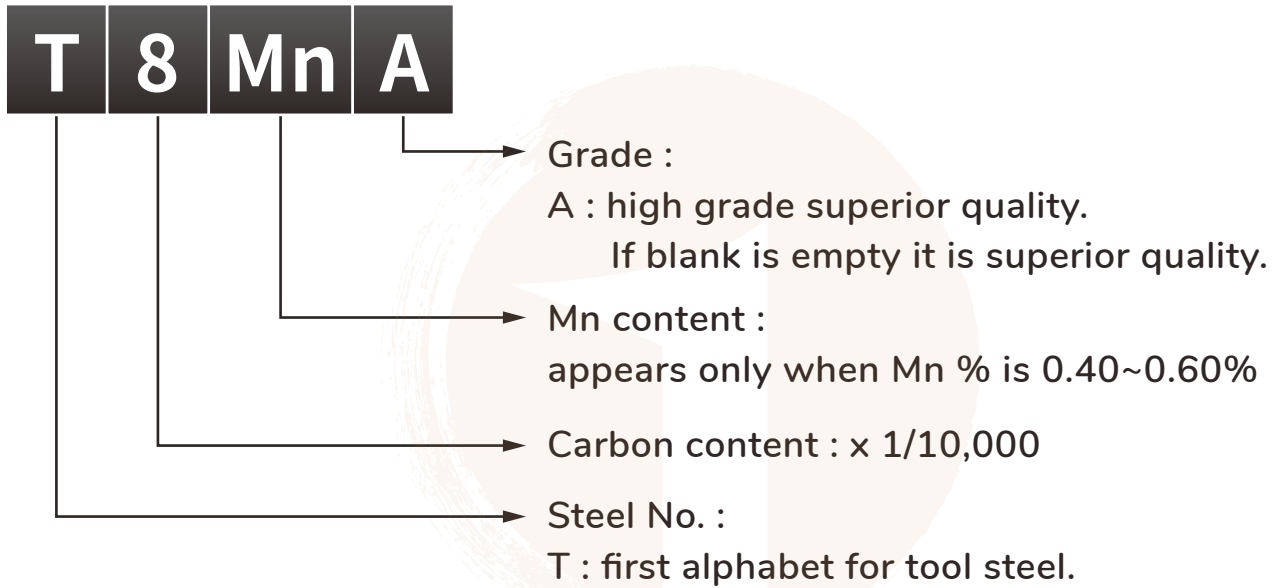


2. High Grade Carbon Steel

50 Mn F A

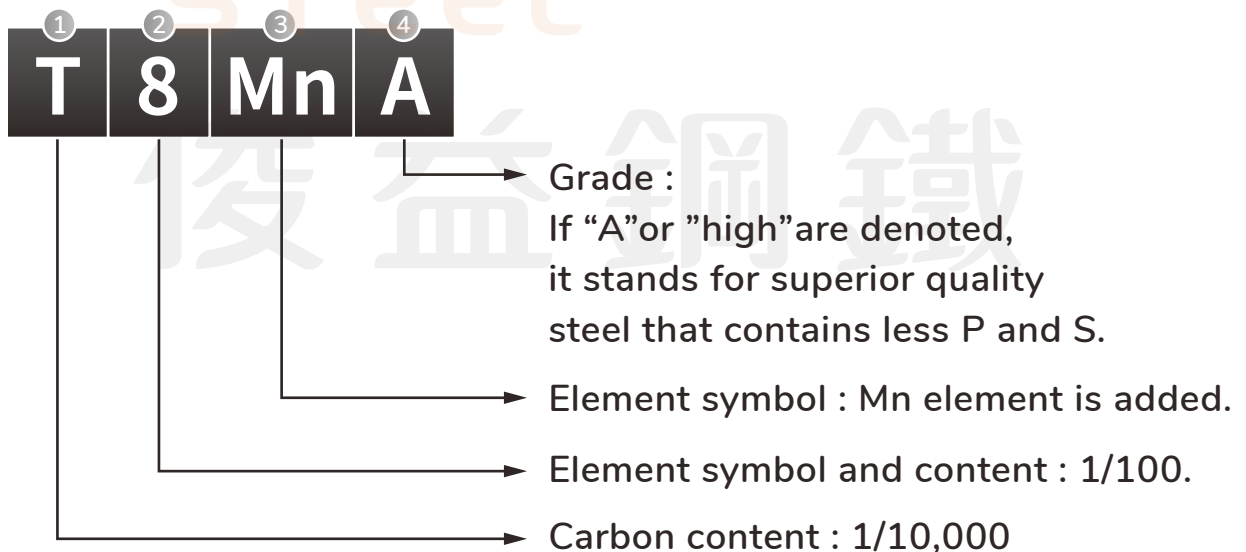


3. Carbon Tool Steel



4. Alloy Steel

(A) Low alloy structural steel, alloy structural steel and spring steel

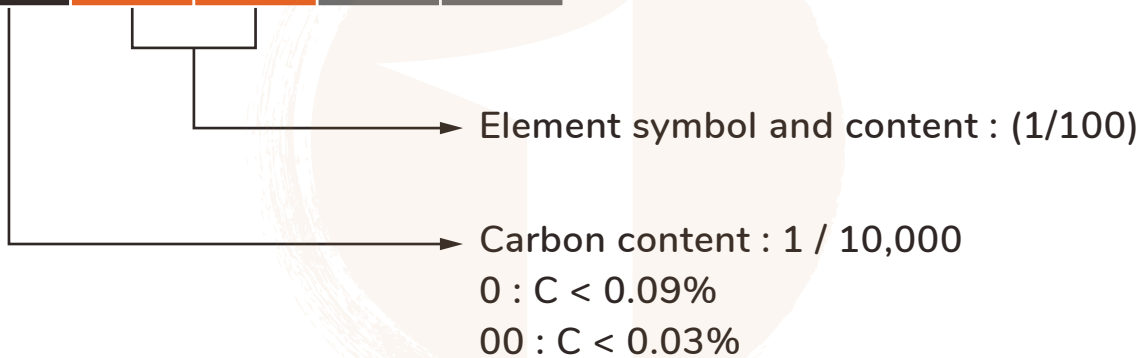


NATIONAL STEEL SYMBOL SPECIFICATION

GB Steel Symbol Denotation (PRC National Standard)

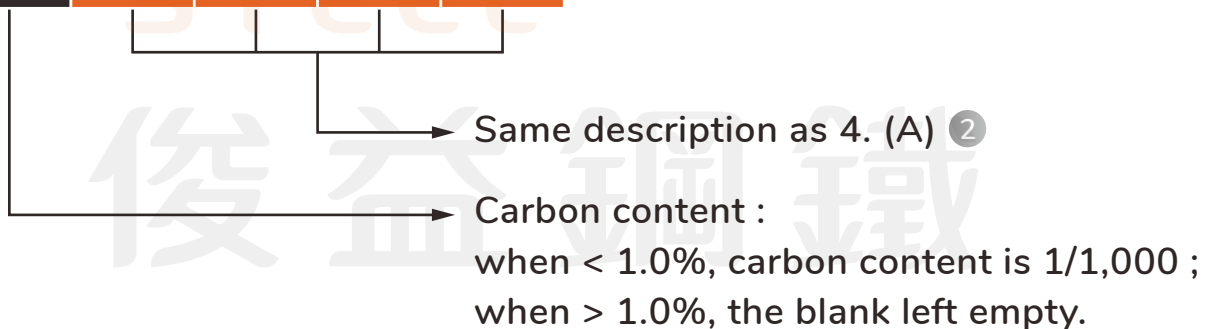
(B) Acid-resistant stainless steel, heat-resistant steel and high electrical resistance alloy steel.

00 Cr 18 Ni 10



(C) High speed tool steel and alloy tool steel

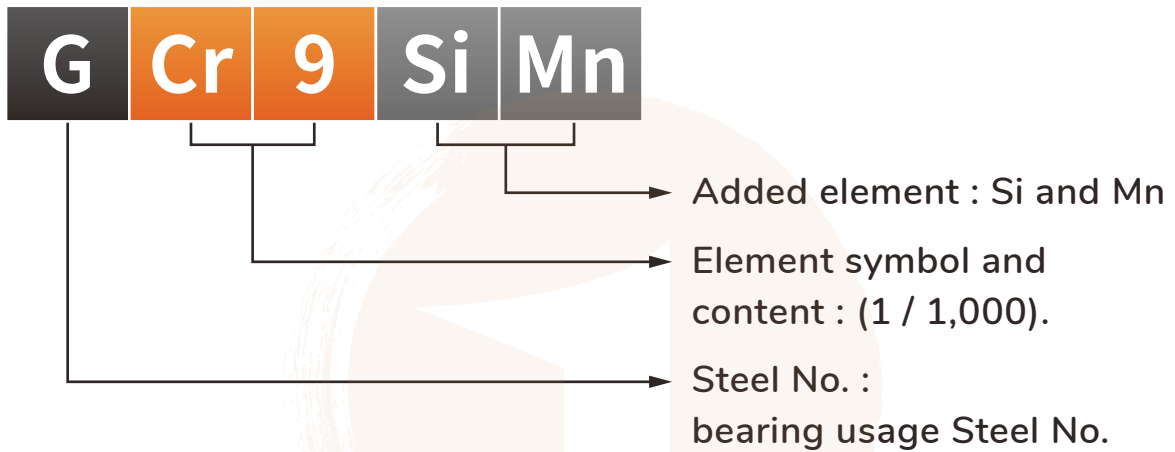
4 Cr W 2 Si



NATIONAL STEEL SYMBOL SPECIFICATION

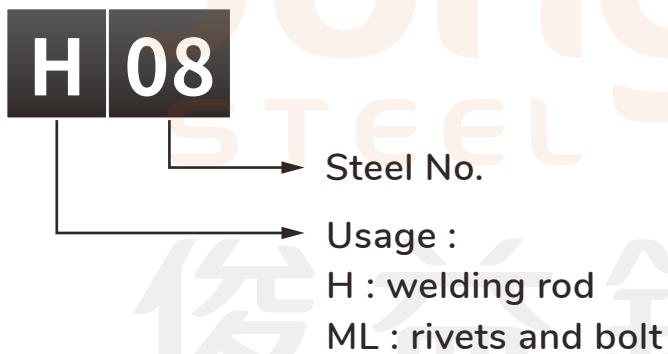
GB Steel Symbol Denotation (PRC National Standard)

(D) Cr bearing steel



5. Steel for Special Usage

(A) Welding rod, rivet and bolts



NATIONAL STEEL SYMBOL SPECIFICATION

GB Steel Symbol Denotation (PRC National Standard)

(B) Steel for boiler, ship and bridge building

20 g

Steel No.
Usage :

C	for ship building
g	for boiler
q	for bridge building

6. Cast Materials

(A) Cast iron

QT 400 -18

Minimum elongation %
Minimum tensile strength (unit : MPa)
Cast iron symbol :

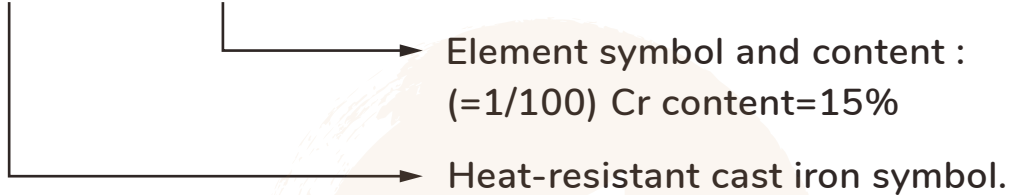
HT	gray cast iron
QT	ductile cast iron
KHT, KTZ	malleable black cast iron
KTB	malleable white cast iron

NATIONAL STEEL SYMBOL SPECIFICATION

GB Steel Symbol Denotation (PRC National Standard)

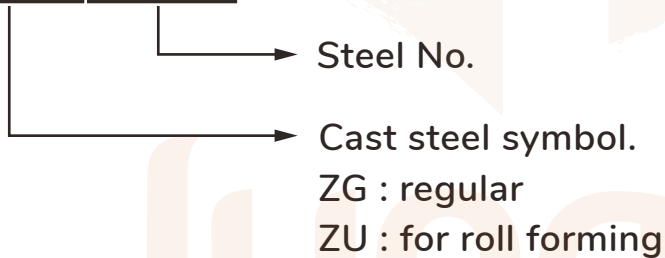
(B) Heat-resistant cast iron

RT Cr-1.6



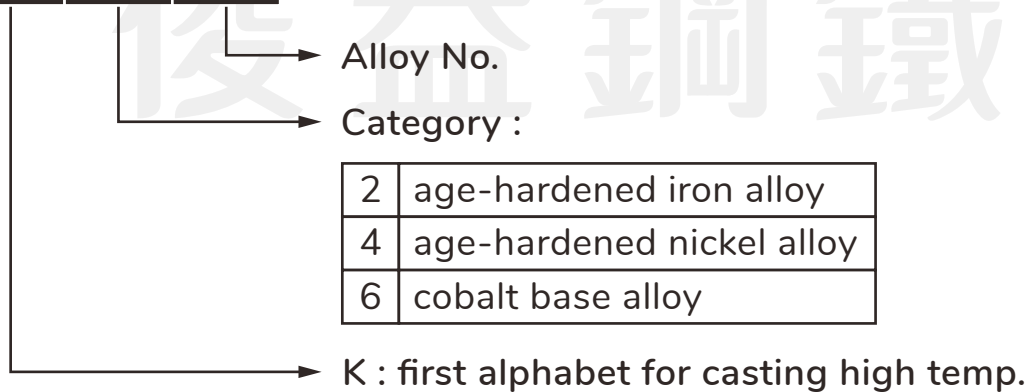
(C) Cast steel

ZG 45



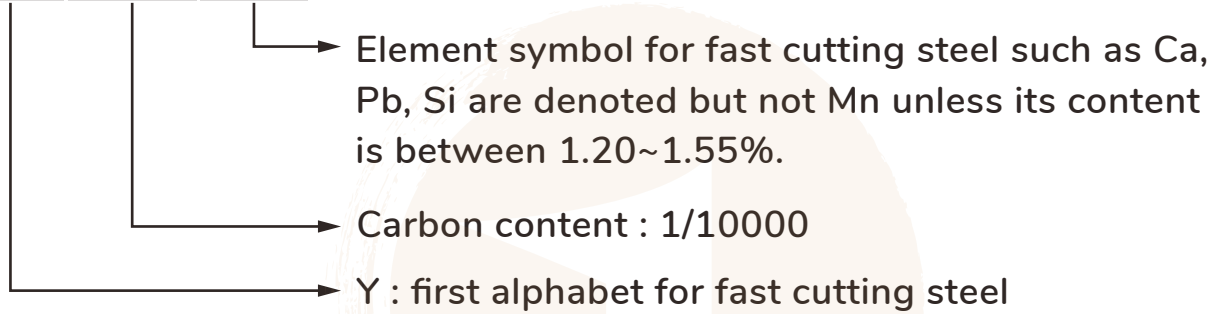
(D) High temp. cast alloy

K 2 5



7. Fast Cutting Steel

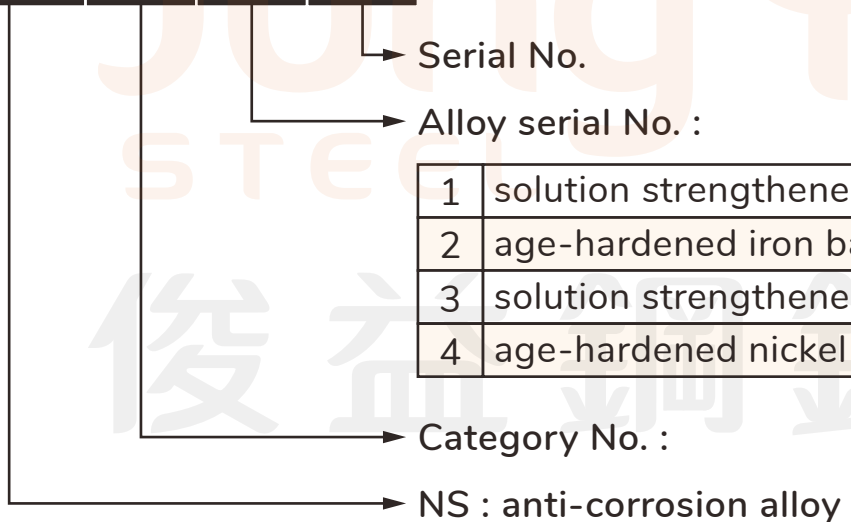
Y 40 M



8. Special Alloy

(A) Alloy

NS 1 1 4



1	solution strengthened iron base alloy
2	age-hardened iron base alloy
3	solution strengthened nickel base alloy
4	age-hardened nickel base alloy

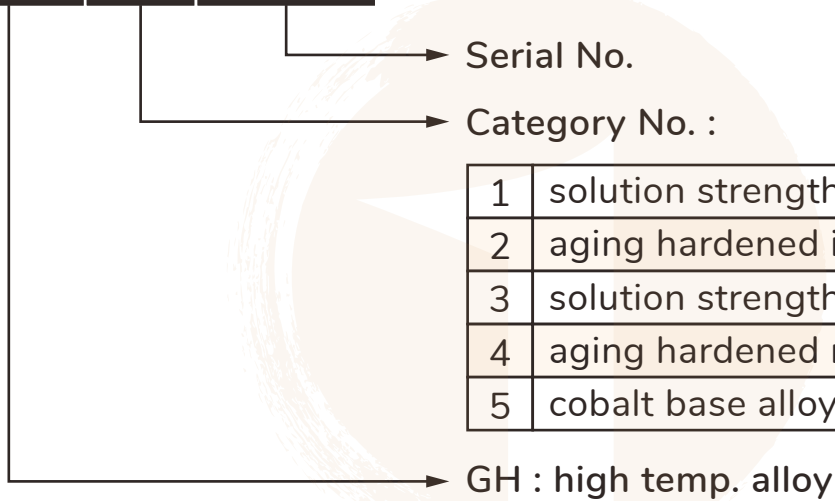
1	Ni-Cr alloy
2	Ni-Mo-Cu serial
3	solution strengthened nickel base alloy
4	age-hardened nickel base alloy

NATIONAL STEEL SYMBOL SPECIFICATION

GB Steel Symbol Denotation (PRC National Standard)

(B) High temp. alloy

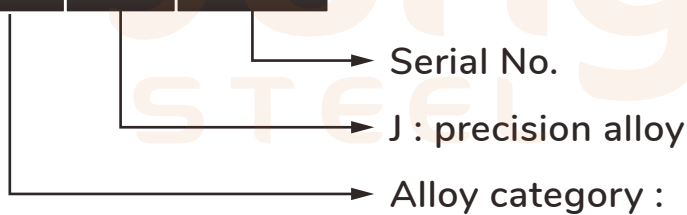
GH 1 140



1	solution strengthened iron alloy
2	aging hardened iron alloy
3	solution strengthened nickel alloy
4	aging hardened nickel alloy
5	cobalt base alloy

(C) Precision alloy

4 J 29



1	soft magnetic alloy
2	deformable permanent magnet alloy
3	elasticity alloy
4	expansion alloy
5	precise resistance alloy