

Standards and grades

1. Structural steels

For general structural applications

1.1 Non alloyed EN 10025-2 structural steels

S185 +AR/+N
S235JR +AR/+N
S235J0 +AR/+N
S235J2 +AR/+N
S275JR +AR/+N
S275J0 +AR/+N
S275J2 +AR/+N
S275K2 +AR/+N
S355JR +AR/+N
S355J0 +AR/+N
S355J2 +AR/+N
S355K2 +AR/+N

2. Weldable fine grain structural steels

For welded structures

2.1 Weldable fine grain EN 10025-3 structural steels

S355N

3. Corrosion resistant steels

For corrosion resistant structures, bridges, architectural applications

3.1 Corrosion resistant EN 10025-5 steels

S235J0W
S235J2W
S355J2W

4. Steels for pressure vessels

For boilers and pressure vessels at high and atmospheric temperature

4.1 Steels with specified properties at elevated temperatures made to EN 10028-2

P235GH
P265GH
P295GH
P355GH
16Mo3 +AR

5. High-carbon and spring steel

For improved wear and fatigue resistance, machinery, yellow goods

5.1 High-carbon and spring steel made to EN 10083-2 / EN ISO 683-1

C45E+AR (+A, +QT)
65Mn+AR (+A, +QT)
51CrV4+AR (+A, +QT)

6. Wear-resistant steels

For mine projects, trucks and wagons construction

6.1 Wear-resistant steels

NM 400
NM 450
NM 500
NM 600