

**Inter-Steel stock and process a wide range of Quenched and Tempered steel products. Quenched & Tempered steels can be used in a broad range of Fixed & Mobile plant applications. Whether it is High Strength steel or Impact / Abrasion resistant steel, Inter-Steel has your needs covered.**

## HIGH STRENGTH STEEL SOLUTIONS

### Q&T 80

High strength Structural Steel

**Variants:** Armstrong Ultra 690QL, Nisco 690QL, Strenx 700, Bisalloy 80

**Properties:** 690 MPa (Typical 750 MPa)

**Range:** 3mm-150mm Thickness

#### Applications:

- Cranes & Lifting Equipment
- Transport Chassis
- Earthmoving buckets
- Cutting Edges / Bucket Lips
- Ripper Tynes
- Sprockets
- Structural Sections

#### Advantages of High Strength Q&T

- Three times the strength of mild steel
- Reduced steel thicknesses
- Easy to Form & Weld
- Improved Payloads
- Material Cost Savings

## WEAR RESISTANT STEEL SOLUTIONS

### Q&T 400

Impact & Abrasion resistant Steel

**Variants:** Relia 400, Nisco NM400, Hardox 400, Bisalloy 400

**Properties:** 370-430 HB (Typical 400 HB)

**Range:** 5mm-100mm Thickness

#### Applications:

- Wear Liners
- Truck Bodies
- Earthmoving buckets
- Cutting Edges / Bucket Lips
- Spiral Flights

### Q&T 450

High Impact & Abrasion resistant Steel

**Variants:** Relia 450, Nisco NM450, Hardox 450, Bisalloy 450

**Properties:** 425-475 HB (Typical 450 HB)

**Range:** 3.2mm-100mm Thickness

#### Applications:

- Wear liners
- Truck Bodies
- Cutting Edges / Bucket Lips
- Dump Truck Wear Liners

### Q&T 500

Abrasion resistant Steel

**Variants:** Relia 500, Nisco NM500, Hardox 500, Bisalloy 500

**Properties:** 477-534 HB (Typical 500 HB)

**Range:** 5-100mm Thickness

#### Applications:

- Earthmoving Buckets & GET
- Chutes
- Wear Liners
- Wear Strips

### Q&T 600

Severe Abrasion resistant Steel

**Variants:** Hardox 600, Bisalloy 600

**Properties:** 570-640 HB (Typical 600 HB)

**Range:** 8-50mm Thickness

#### Applications:

- Wear Liners & Strips
- Conveyors & Chutes
- Shredders
- Rotating Hammers
- GET

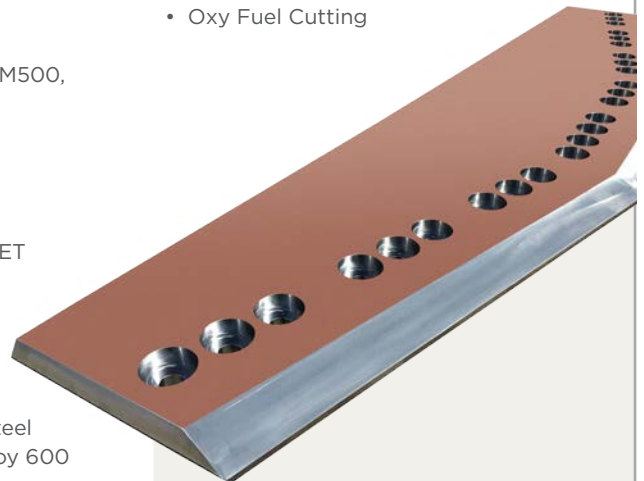
## Advantages of Wear Resistant Q&T

- Lower maintenance costs
- Greater payload capacity
- Lighter weight
- Reduced fuel consumption
- Longer service life

## Inter-Steel Processing options:

Quenched & Tempered Steel products supplied by Inter-Steel are compatible with all Thermal Cutting processes including:

- Laser
- Hi Definition Plasma
- Oxy Fuel Cutting



**Our highly experienced team can recommend the best processing option for your Q&T plate requirement.**