

# 4340

ROSE PINK

BISCUIT

## CHARACTERISTICS

Tensile Strength (MPa)

850-1000\*

Brinell Hardness (HB)

248-302\*

\*Based on Condition T specifications

## DESCRIPTION

4340 is a Nickel, Chromium, Molybdenum steel for applications requiring high tensile strength and toughness values, particularly in large cross sections in the quenched and tempered condition.

## EQUIVALENTS

AS

DIN

BS

AISI

4340

1.6565

~EN24

4340

34CrNiMo6

~817 M 40

## CHEMICAL ANALYSIS (%)

C

Si

Mn

Ni

Cr

Mo

S

P

0.4

0.25

0.7

1.8

0.8

0.25

0.025

0.025

## NOTES

The addition of Molybdenum prevents the steel from being susceptible to temper brittleness. 4340 has a higher tensile and yield strength than 4140.

## APPLICATIONS

Components for the aircraft, automotive and general engineering industries. Examples of use include Propeller Shafts, Connecting Rods, Gear Shafts, Rotors & Discs.

*WARNING: While all care has been taken to provide accurate information here, it should be noted that it is for a guide only and any information must be checked by the manufacturer before being relied upon.*

# EDCON STEEL

### Sydney Metro

Blacktown  
Brookvale  
Revesby

15 Carling Road Kings Park  
10/9-13 Winbourne Road Brookvale  
122 Milperra Road Revesby

### Rural

Bathurst  
Orange

51 Sydney Road Raglan  
23 Leewood Drive Orange

**1300 233 266**  
**edconsteel.com.au**