

E110

WHITE

BISCUIT

CHARACTERISTICS

Tensile Strength (MPa) 980-1270

Brinell Hardness (HB) 290-375

EQUIVALENTS

AS	DIN	BS	AISI
AS1444-1996	1.6587		
X4317	17CrNiMo6	EN354	

CHEMICAL ANALYSIS (%)

C	Si	Mn	Ni	Cr	Mo	S	P
0.18	0.3	0.5	1.5	1.7	0.3	0.025	0.025

NOTES

E110 combines core toughness and high case hardness after carburising and quenching.

DESCRIPTION

E110 is a 1.8% Nickel Chromium Molybdenum case hardening steel.

APPLICATIONS

Components with large cross sections requiring high toughness and core strength such as gears, crankshafts and heavy duty gear shafts in aircraft and truck construction and mechanical engineering.

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