

EN36A

TURQUOISE

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CHARACTERISTICS

Tensile Strength (Mpa) 700 - 770

Hardness Supplied (HB) 212

EQUIVALENTS

DIN	AISI	BS	JIS	Ni	C	Mn	Cr	Si	Cr
14NiCr14	E3310	655M13	SNC815	3	0.13	0.5	0.9	0.25	0.7
				3.75					1

CHEMICAL ANALYSIS (%)

NOTES

Can be welded before carburizing and case hardening.

DESCRIPTION

A Nickel-chrome case hardening steel with high hardenability and a hard core strength. Typical applications include highly stressed gears and heavily loaded shafts.

HEAT TREATMENT

Case Hardening
Following core refining, re-heat to 760°C - 800°C, hold until temperature is uniform throughout the section, and quench in oil. Temper immediately while still hand warm.

760°C - 780°C

HEAT COLOUR
LIGHT RED

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

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Brookvale 10/9-13 Winbourne Road Brookvale
Revesby 122 Milperra Road Revesby

Rural

Bathurst 51 Sydney Road Raglan
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