

Cold Rolled

NZCC 1020-2D

Revision 1, May 2004
This literature supersedes all previous issues

GENERAL DESCRIPTION

Cold rolled structural suitable for heat treatment and saw blade manufacture.

TYPICAL USES

Saw blades

STANDARDS

AS/NZS 1365

CHEMICAL COMPOSITION (%)

Element	Typical	Maximum
Carbon	0.174	0.194
Silicon	0.008	0.030
Manganese	0.600	0.700
Sulphur	0.016	0.030
Phosphorous	0.014	0.030

MECHANICAL PROPERTIES

Longitudinal Tensile		
	Typical	Specification
0.2% Proof Stress MPa	515	450 Min
Tensile Strength, MPa	640	500 Min
% Elongation on GL= 50	7	5% Min
HRB Hardness	93	90 Min

DIMENSIONAL CAPABILITIES

Thickness	Width
mm	mm
1.52 - 1.78	900 - 1170

FABRICATION PERFORMANCE

1 = Limited 5 = Excellent

Drawing	-
Pressing	2
Bending	-
Rollforming	-
Welding	5

SURFACE FINISH

Matt Finish

AVAILABLE FORMS

Coil only

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