



DC01+ZE

Mild steel grades for cold forming

Material no.	1.0330
according to	DIN EN 10152, Ausz. 08/03

Mechanical properties (transverse)

Yield strength $R_{eL}/R_{p0.2}$ in MPa
≤ 280
Tensile strength R_m in MPa
270-410
Total elongation A_{80} in %
≥ 28

Available dimensions

Thickness in mm	Width in mm
0.40 - 0.49	1,100 - 1,500
0.50 - 0.59	900 - 1,685
0.60 - 3.00	900 - 1,850

Surface Finishes

This steel grade is available with surface finishes A and B and 03 and 05 respectively: The mild and the isotropic steel grades can only be supplied by agreement with surface finish B and 05 respectively in widths > 1.700 mm.

Chemical composition

(in percent by weight)

	min.	max.
C		0.12 %
P		0.045 %
S		0.045 %
Mn		0.6 %

The samples for the tensile test are taken at right angles to rolling direction unless the product width is opposed to this.