



## DC04+ZE

Mild steel grades for cold forming

Material no.	1.0338
according to	DIN EN 10152, Edition 08/03

### Mechanical properties (transverse)

Yield strength $R_{eL}/R_{p0.2}$ in MPa
$\leq 220$

Tensile strength $R_m$ in MPa
270-350

Total elongation $A_{80}$ in %
$\geq 37$

Hardening exponent $n_{90}$
$\geq 0.16$

Anisotropy $r_{90}$
$\geq 1.6$

### Available dimensions

Thickness in mm	Width in mm
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		0.08 %
P		0.030 %
S		0.030 %
Mn		0.4 %

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