



DC07+ZE

Mild steel grades for cold forming

Material no.	1.0898
according to	DIN EN 10152

Surface finishes

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

Mechanical properties (transverse)

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

110 – 160

Tensile strength R_m in MPa

250 – 310

Total elongation A_{80} in %

≥ 43

Hardening exponent n_{90}

≥ 0.22

Anisotropy r_{90}

≥ 2.5

Available dimensions

Thickness in mm	Width in mm
0.50 – 0.59	900 – 1,510
0.60 – 0.69	900 – 1,685
0.70 – 3.00	900 – 1,850

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

