

DD13WR

Hot Rolled formable steel, reliable and proven for welding

Hot-rolled steel for cold forming is used for bending and deep drawing in a wide variety of applications. DD13WR is particularly suitable for use in wheel rims because of its low aluminium content and controlled Mn:Si ratio. The low carbon content gives DD13WR excellent welding performance.

Applications

- Wheel rims and flange rings
- Automotive components
- Tubes and sections
- Domestic appliance components

Product specifications

Chemical composition (% by weight)

Grade	C	Mn	P	S	Sol Al	Si	Mn:Si
DD13WR Typical Values	0.068	0.36	0.012	0.0065	0.018	0.020	18

Available Dimensions

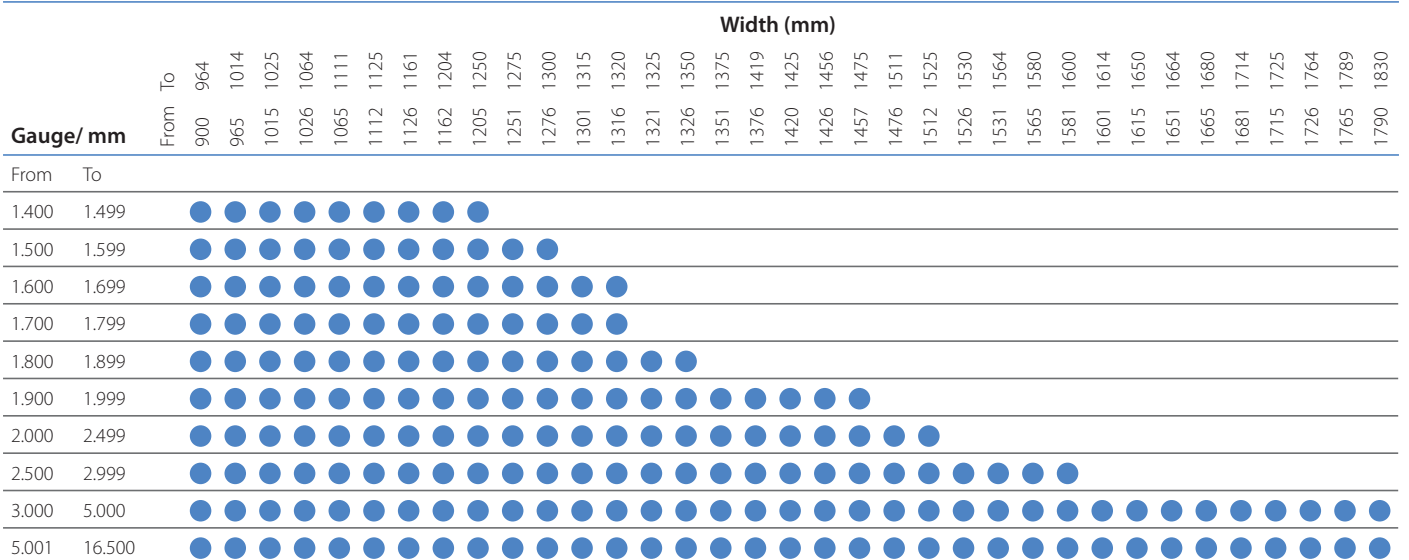
Applicable for non-pickled (mill finish untrimmed) and pickled & oiled material. Dimensions available are shown below for mill edge.

Mechanical properties

Grade	Test Dir	Rel (MPa)	Rm (MPa)	A5 (%) (t>3mm)
DD13WR Typical Values	Trans	271	379	38.4
	Long	252	369	40.3

Condition

Condition	Thickness in mm	Width in mm
Non-pickled	1.40 – 16.50	900 - 1830
Pickled & oiled	1.40 – 5.00	900 – 1525



Please consult with Tata Steel as the availability of some dimensions is dependant on volume requirements.

Thickness Tolerances

DD13WR is supplied according to EN 10051:2010, (Appendix A).
(Tighter tolerances are available on request).



www.tatasteeleurope.com

Tata Steel

Llanwern House

Llanwern Works

Newport

NP19 4QZ

UK

T: +44(0)845 600 7673

E: liftingandexcavating@tatasteel.com

www.tatasteelliftingandexcavating.com

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