DIN 17155 19MN6 Pressure Vessel Steel plate

1.Pressure Vessel Steel Home Page

DIN 17155

HI | HII | 17Mn4 | 19Mn6

2.No longer available, DIN 17155 19Mn6 pressure vessel steel is included here for information purposes. DIN 17155 19MN6 is an outdated German specification for pressure vessel steel. This technical specification has now been superseded by EN 10028 but we have provided details of 19MN6 on our website for cross reference purposes.

3.Customers should consider the steel grades below as alternatives...

P355NH

BS1501-225-490A/B

4.Please refer to technical properties for DIN 17155 19MN6 below...

Chemical Composition & Mechanical Properties

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Chemical Composition | | | | | | | | | | | | | Mechanical Values | |
| Grade | C | Si | Mn | P | S | Al | Cr | Cu | Ni | Mo | Nb | Ti | V | Tensile N/mm² | Yield N/mm² |
| 19MN6 | 0.20 | 0.50 | 0.90/1.70 | 0.030 | 0.025 | 0.020 | 0.30 | 0.30 | 0.50 | 0.08 | 0.05 | 0.03 | 0.10 | 490/630 | 355 |

All values are % Max unless stated. Yield value is minimum.

(Please note: the technical information above is for guidance only – for exact specifications please check with our Sales Team)

5.For more information about our pressure vessel and boiler quality steels please contact us.