

EN10025 Fe E 360 D1 Carbon structural steel

EN10025 Fe E 360 D1 steel plate, EN10025 Fe E 360 D1 steel plate is a kind of carbon structural steel. EN10025 Fe E 360 D1 steel plate is characterised by a minimum yield strength of 170-235MPa and tensile strength of 340-510MPa, so Fe E 360 D1 steel is mainly used in riveted, bolted, or welded construction of bridges and buildings. The following are EN10025 Fe E 360 D1 steel plate's Chemical composition and mechanical properties. If you are looking for Chinese Fe E 360 D1 steel supplier, if you want to know Fe E 360 D1 steel price, please be free to contact us.

Fe E 360 D1 steel plate Chemical analysis -% by mass

| Chemical elements | C≤ 16mm max | C>16mm max | Si max | Mn max | P max. | S max. |
|-------------------|----------------|---------------|-----------|-----------|-----------|-----------|
| %,by mass | 0.17 | 0.17 | -- | 1.40 | 0.045 | 0.045 |

Fe E 360 D1 steel plate Mechanical properties

| thickness | Yield Strength ReH [N/mm ²] transv. min. | Tensile Strength Rm [N/mm ²] transv. | Fracture Elongation [%] transv. min. | Notch Impact Energy 1) Ch V complete sample longitud. min [J] |
|----------------------|---|---|---|---|
| t ≤ 16mm t > 16mm | 235 225 | | | Degree: 0 AV: 27J |
| t < 3mm t ≥ 3mm | | 360-510 340-470 | | |
| Up to 1.5mm | | | 16 | |
| 1.51-2.00mm | | | 17 | |
| 2.01-2.50mm | | | 18 | |
| 2.51-2.99mm ≥ 3mm | | | 19 24 | |

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