

PROPERTIES – WEAR PLATE

STEELHARD®-T480

BASE MATERIAL

- 1- Non alloy quality steel, other qualities on request.
- 2- Symbol : S235JR
- 3- Standard : DIN- EN 10025
- 4- Material number : 1.0037
- 5- Thickness tolerances : DIN – EN 10029

HARDFACING LAYER

- 1- Arc welding process : Open-Arc – OA – DIN – EN – ISO 5817-2.12D
- 2- Cladding : DIN 8555, group 10
- 3- Alloy : C, Cr, Mn
- 4- Maximum thickness in 1 layer : 3 mm
- 5- Thickness tolerances : -0/+1 mm
- 6- Widths of the cord : 30-35 mm.
- 7- Welding direction : lengthways of the plate
- 8- Makro hardness : 60 HRc
- 9- Makro hardness tolerances : -0/+1,5 HRc

WEAR PLATE AFTER HARDFACING

- 1- Thickness tolerances : -0/+1 mm
- 2- Physical properties : resistant to abrasion and impact till 350°C .
- 3- Flatness tolerances : max. 3 mm/1000 mm.
- 4- Dimensions of the standard plates : see separate sheet

Disclaimer : the information contained or otherwise referenced herein is presented only as “typical” without guarantee or warranty. Steeltech-Services® expressly disclaims any reliance thereon. Typical data are those obtained when welded and tested in accordance with Steeltech-Services® internal procedures. Other tests and procedures may produce different results.

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