



LIVALLCO STÅL AB
SMITH & STENSSON

Alloyed boilersteel
11CrMo9-10

DESIGNATIONS

| | |
|--------------------------|------------------|
| Swedish standard | |
| ASTM / ASME std plate | A/SA 387 gr.22~ |
| ASTM / ASME std roundbar | A/SA 182 F22~ |
| ASTM / ASME std pipe | A/SA 335 P9~ |
| W.stoff nr | 1.7383~/ 1.7386~ |

CHEMICAL COMPOSITION

| | |
|----|-------------|
| C | 0,08 - 0,15 |
| Cr | 2,00 - 2,50 |
| Cu | max. 0,30 |
| Mn | 0,40 - 0,80 |
| Mo | 0,90 - 1,10 |
| P | max. 0,030 |
| S | max. 0,025 |
| Si | max. 0,50 |
| Fe | rest. |

DIMENSION

| | |
|-------------|---------------|
| Plate | Yes |
| Roundbar | Ø 30 - 720 mm |
| Flat/square | |
| Hexagon | |
| Forging | Yes |
| Pipe | Yes |

MECHANICAL PROPERTIES

| | |
|---|-----------------------------|
| Yield | min. 310 N/mm ² |
| Tensile | 520 - 670 N/mm ² |
| KV | +20°C / min. 31J |
| Are only given as typical value for plate in 10mm thickn. | |

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