



LIVALLCO STÅL AB
SMITH & STENSSON

Tool steel
1.2344

DESIGNATIONS

| | |
|----------------------|-------------------|
| EN standard | X40CrMoV5-1 |
| Swedish standard | SS 2242 |
| ASTM / ASME standard | AISI H13 / T20813 |
| Similar grade | |
| W.stoff nr | 1.2344 |

CHEMICAL COMPOSITION

| | |
|----|-------------|
| C | 0,37 - 0,43 |
| Cr | 4,80 - 5,50 |
| Mn | 0,30 - 0,50 |
| Mo | 1,20 - 1,50 |
| P | max. 0,030 |
| S | max. 0,030 |
| Si | 0,90 - 1,20 |
| V | 0,90 - 1,10 |
| Fe | rest. |

DIMENSION

| | |
|-------------|----|
| Plate | |
| Roundbar | Ja |
| Flat/square | Ja |
| Hexagon | |
| Forging | |
| Pipe | |

MECHANICAL PROPERTIES

| |
|---|
| Yield |
| Tensile |
| KV |
| Most often in softannealed , hardness max. 229HB. |

For more information, please contact LIVALLCO STÅL AB, Sweden
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