



LIVALLCO STÅL AB
SMITH & STENSSON

Stainless steel

1.4003

DESIGNATIONS

| | |
|----------------------|----------|
| EN standard | X2CrNi12 |
| Swedish standard | |
| ASTM / ASME standard | 3Cr12* |
| W.stoff nr | 1.4003 |

* registered trademark of Columbus Stainless

CHEMICAL COMPOSITION

| | |
|----|---------------|
| C | max. 0,03 |
| Cr | 10,50 - 12,50 |
| Mn | Max. 1,50 |
| N | max. 0,030 |
| Ni | 0,30 - 1,00 |
| P | max. 0,040 |
| S | max. 0,015 |
| Si | max. 1,00 |
| Fe | rest. |

DIMENSION

| | |
|-------|-----------|
| Plate | 1 - 30 mm |
|-------|-----------|

MECHANICAL PROPERTIES

| | |
|---------|-----------------------------|
| Yield | |
| Tensile | 450 - 650 N/mm ² |
| KV | |

Are only given as typical value for plate in 10 mm thickn.