

## Data sheet and application

### DIM L-40/31<sup>©</sup>

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2.4831 / Inconel 625

chemically stable Ni-Base Alloy

### Characteristics

High elongation, tensile strength, yield strength.

Absolutely crack free,

stainless,

resistant to extreme heat,

resistant to low temperatures,

not hardenable,

not structurable or etchable,

martensitic welding material

Elongation As: >35%

Tensile strength Rm N/mm<sup>2</sup>: 740

### Fields of application

Various tool steels

Stainless and chemical resistant

steels, 1.4529 / 1.4539

Sealing of cracks (e.g. water/oil cooling)

Buffer layers

Refrigeration technology

Chemical apparatus construction

2.4856 / 2.4858

Turbine construction

Aviation technology

Medical technology

Marine technology

High-strength joint welding

### Chemical composition

C	Si	Mn	Cr	Ni	Mo	Nb	Fe	Ti
≥ 0.02	0,1	0,1	22,0	Rest	9,0	3,6	≥ 0.5	+