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| <br><b>Welding technology</b> | <b>technical-metallurgical data sheet<br/>for LAWITEX - filler metals</b> | <b>LAWI 16</b> |
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This basis classifies is also a guideline for quality protection.

Form: **filler metal**

LAWITEX-description **LAWI 16**

Cr-Ni-Mo-Mn filler metal. Heat-, rust-resistant, non hardenable welding deposit, strain-hardening by pressure and impacts. Polishable, erodable, cannot be nitride or chromium-plated. For basic, intermediate and joining layers different tool steels.  
Hardness 1-st layer approx 320-370 HB.  
Stretching up to 33%.  
Tensile strength approx.820-880 N/qmm.

Analyse % - steels

| C   | Al | Co | Cr   | Cu | Fe   | Mn   | Mo   | Ni   | Si   | V | W | Su%  |
|-----|----|----|------|----|------|------|------|------|------|---|---|------|
| 0,1 |    |    | 30,5 |    | Rest | 1,90 | 0,50 | 10,0 | 0,60 |   |   | 0,40 |

The technical results are dependent on the extent of mingling to the basic materials and also a indication of the process engineering.

Department of Quality