ZANDER F-NiMoCr B

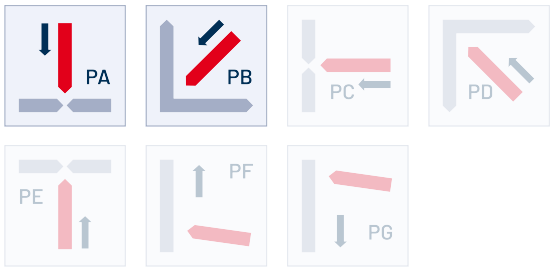
EN ISO 18276-A: **T 69 6 Mn2NiCrMo B M21 3 H5**

AWS A 5.29: **E 110 T5 - K4M JH4**

INDICATIVE ANALYSIS [%]

C	Si	Mn	Cr	Ni	Mo	Fe
0,05	**0,40**	**1,40**	**0,30**	**2,40**	**0,50**	**balance**

WELDING POSITIONS



PROPERTIES:

(without heat treatment; indicative values at room temperature)

Tensile strength Rm	**850 [MPa]**
Elongation (L=5d)	**20 [%]**
Yield strength ReH/Rp0,2	**760 [MPa]**
Impact energy (ISO-V)	**60 [J] (-51°C)**

DIMENSIONS

Ø [mm]
1,2
1,6

SHIELDING GAS (EN ISO 14175) M21

CURRENT TYPE =(+)

APPLICATIONS / FEATURES:

Seamless, copper-plated flux-cored wire with basic slag for welding high-strength structural steels.

The weld metal exhibits good mechanical-technological properties due to low hydrogen content.

No moisture absorption and good wire feeding properties.

High ductility, high resistance to crack formation, good toughness at low ambient temperatures (down to -50°C).

FIELDS OF APPLICATION:

Suitable for base materials such as:

S500QL - S690QL.

ISO/TR 15608:
Groups: 1.2, 1.3, 2.2 and 3.1.

Suitable in areas such as:
containers- and equipment manufacturing.

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