



# InFocus Pluspole TIG-Pluspole aluminium welding

- ✓ High productivity of MIG welding with the usual seam quality of TIG welding
- ✓ Single-layer welding of sheet thicknesses up to 8 mm
- ✓ Positive electrode mode without change of polarity

### The high-performance tool for your welding production

- ✓ Absolutely stable, energetically highly concentrated arc
- ✓ Robust torch with concentric 2-gas system

### In Comparison to conventional TIG

- ✓ Savings potential for helium
- ✓ Savings potential for seam preparation
- ✓ Improved aspect ratio (weld depth to weld width)
- ✓ Reduced emissions – less smoke, debris and noise in your shop floor
- ✓ Reduced total heat input, narrower heat-affected zone, less distortion
- ✓ Faster, defined electrode change – no grinding, no adjustment effort

### We support you!

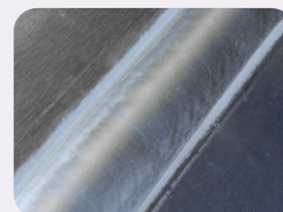
- ✓ Technological analysis of your welding task
- ✓ Welding tests in our laboratory environment or in your production plant
- ✓ Metallographic analyses (macro sections, REM / EDX)
- ✓ Process diagnostics, (high-speed video analyses with synchronic process data recording)

### Technical Data

Welding current (100% d.c.)	450 A (focusing gas Ar + 300 ppm O <sub>2</sub> )
Shielding gas	Ar
Focusing gases	Ar + 300 ppm O <sub>2</sub> , Ar / He 50 / 50 + 300 ppm O <sub>2</sub> Ar + 300 ppm NO, Ar / He 50 / 50 + 300 ppm NO
Diameter	44 mm
Weight (without lead)	0.7 kg



InFocus Pluspole



6 mm AlMg4.5



6 mm AlMg4.5

Kjellberg is certified acc. to  
**DIN EN ISO 9001**

[www.kjellberg.de](http://www.kjellberg.de)

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