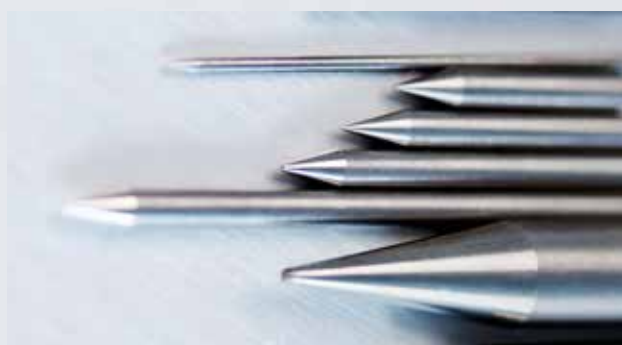


The PUK electrodes



Our „classic“ for PUK welding – the „WLa“ tungsten electrode.

Due to the good service life and equally good strike characteristics, for many years now we have been using tungsten electrodes, which contain not only a range of mixed oxides but also an increased portion of lanthanum oxide (La₂O₃).

The electrodes are highly suitable for universal use and are very well-suited for welding unalloyed and high-alloyed steels, as well as titanium, nickel, copper, tin and precious metal alloys.

These „WLa“ electrodes have proven themselves for PUK welding and also deliver outstanding value for money.

WLa electrodes are available in three different diameters:

Ø 0.5 mm x 50 mm

Art. no. 100 410

(10 electrodes, both sides honed)

The proven benchmark for everyday tasks in jewellery production. Particularly well suited for low and moderate welding power.

Ø 0.6 mm x 50 mm

Art. no. 100 411

(10 electrodes, both sides honed)

Universally applicable for fine work and for welding with higher power.

Ø 0.8 mm x 50 mm

Art. no. 100 413

(10 electrodes, both sides honed)

Particularly well suited for welding with high power. Lowest electrode resistance, meaning the greatest power transfer.

A matching chuck (art. no. 100 157) is required for size 0.8mm.

Bigger diameters on request.



Our INOSTAR® tungsten electrode is a particularly special innovation.

This electrode is alloyed with rare earths (mixed oxides) and stands out due to the exceptional strike characteristics, high current carrying capacity and lengthy service life.

The electrode tip retains its shape for longer because the melting loss is lower. The result of this is an even cleaner weld seam. The thorium-free, non-radioactive electrodes can be used across the entire power range with the welding of unalloyed and high-alloyed steels, as well as aluminium, titanium, nickel, copper, tin and precious metal alloys.

Like all electrodes from Lampert, the INOSTAR® is non-radioactive and is significantly less environmentally harmful than the thoriated electrodes frequently used in general welding engineering. It is therefore ideally suited for the requirements of PUK welding.



INOSTAR® electrodes are available in three different diameters:

Ø 0.5 mm x 50 mm

Art. no. 100 440

(10 electrodes, both sides honed)

The proven benchmark for everyday tasks in jewellery production. Particularly well suited for low and moderate welding power.

Ø 0.6 mm x 50 mm

Art. no. 100 441

(10 electrodes, both sides honed)

Universally applicable for fine work and for welding with higher power.

Ø 0.8 mm x 50 mm

Art. no. 100 443

(10 electrodes, both sides honed)

Particularly well suited for welding with high power. Lowest electrode resistance, meaning the greatest power transfer.

A matching chuck (art. no. 100 157) is required for size 0.8mm.

Further information about our
welding equipment as well as
components and accessories
can be found on our website:
www.lampert.info



www.lampert.info