



SIPA[®]



S/P/A[®] NARROW GAP WELDING SYSTEM SPACE – MIG

The S/P/A[®] NARROW GAP WELDING SYSTEM SPACE is designed for MIG applications in difficult to access areas. The Narrow Gap System SPACE is also equipped with a protection cap made of a high quality boron nitride ceramic. This ceramic is current insulating, extreme heat and thermal shock resistant and shows excellent spatter repelling characteristics. The current contact tube and tip are either coated with our approved insulating and heat resistant S/P/A[®] WBC Coating or covered with an insulating tube which avoids short circuits. The slim gas nozzle design, equipped with our approved spatter repelling S/P/A[®] WBC Coating, ensures best work piece accessibility. The system is available for almost any welding torch on the market.

The narrow Gap System SPACE is available for several different groove depths which cover almost any possible MIG welding task. Available for groove depth of 60 mm (2.36"), 90 mm (3.54"), 120 mm (4.72")

and 150 mm (5.90"). Contact Tips for wire diameters \emptyset 0.8 mm (.030"), \emptyset 1.0 mm (.039"), \emptyset 1.2 mm (.045") and \emptyset 1.6 mm (1/16") are available.

The advantages:

- improved weld seam visibility due to a very slim design
- optimal root acquisition by aperture angle of far less than 60°
- great savings in filler materials
- increase service life due to optimal combination of basic materials
- short circuits at narrow components are impossible

Self shielding wire electrodes and SAW applications:

In addition to our approved SPACE MIG system S/P/A[®] offers various systems for welding self shielding wire electrodes i.e. for rail welding and tracks as well as for special SAW applications.