

ENCLOSED WELD HEADS



OSK 13 S



Enclosed weld heads provide complete inert gas protection of the full weld bead circumference (an industry requirement for producing welded joints in electro-polished and hygienic applications).

Collets are required for each tube diameter to be welded.

Cold wire feed is not possible.

Welding will be made after preparation of the tube ends to provide a flat, square face.

During welding the weld head remains static, only the rotor carrying the electrode rotates in an 'orbital' motion around the tube (90° saw cut, if necessary square off).

Advantage: Compact size for use in restricted space environments.



MICROFIT WELD HEAD OSK 13 S

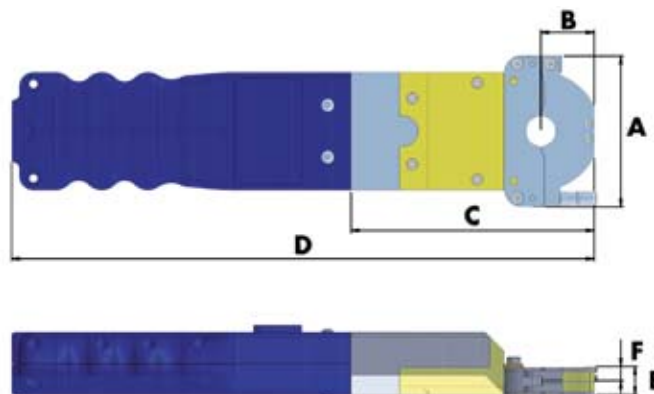
Gas-cooled weld head for applications with extreme narrow space requirements as e.g. in the semiconductor industry. Specially designed to weld micro-fittings. Unique construction, including specifically directed gas routing to improve gas coverage and material selection resulting in a high duty cycle even without water cooling.

- Extreme narrow / compact design
- Simple design allows easy to maintain
- Weld Head compatible with control element (start/stop kit with status display)
- Arc Machines Model 9-500 cassettes will fit too

Weld head type: **Tube size Range mm** **inch** **Weight**
OSK 13 S | OD 3.17 – 12.7mm | 0.125" – 0.500" | 2.4kg



Dimension Sheet Enclosed Weld Heads OSK 13 S



| Schweißkopf | A | | B | | C | | D | | E | | F | |
|-------------|----|-------|------|-------|-----|-------|-------|--------|----|-------|----|-------|
| | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch |
| OSK 13 S | 64 | 2.520 | 24.4 | 0.960 | 105 | 4.133 | 279.2 | 10.992 | 12 | 0.472 | 6 | 0.236 |

OSK 13 S MICROFIT CLAMPING CASSETTE

For welding with extreme narrow space requirements



- Orbitec TCA clamping cassette, width 12mm (0.472inch)
- Clamping cassette compatible with Arc Machines, model 9-500
- Cassette can be mounted in either direction (left or right hand)

Item number

1.3.4000

Orbital welding system

Orbital welding tools

Welding equipment

Saws / tube squaring devices

Purge accessories

Measurement devices

1.3.4001+Ø

Service / warranty