



More than pipes

Customised components | Aerospace

For more than four decades, BUTTING has been producing specific parts such as pipes, elbows and flanges as well as complex assemblies such as fuel and gas lines, tanks and components for ground testing equipment for the aerospace industry. BUTTING products are used in ARIANE space programs and in other space transportation programs, in the International Space Station, and in a number of aircrafts – from specific parts to ready-to-mount components.

Qualifications, licences and certificates

- Quality management EN 9100:2018
- Welding qualifications Welding company acc. to DIN EN ISO 3834-2
NADCAP AC7110 WLD (stainless steel and titanium)
- Welder's performance Qualification EN ISO 24394 - B (stainless steel)
EN ISO 24394 - C (titanium)
- Welding supervision Welding engineer EWE / IWE
Welding specialist EWS / IWS
- Non-destructive testing DIN EN ISO 17637, visual testing of fusion-welded joints
DIN EN ISO 3452, dye-penetrant test
DIN EN ISO 17636-1, -2, radiographic testing
Pressure and leakage test acc. to customer requirements
NADCAP AC7114 NDT (DPI/x-ray) in preparation
3D-measurement
- Destructive testing DIN EN ISO/IEC 17025 Laboratory accreditation
All standard test methods acc. to ISO standards





Special capabilities

- In-house cleaning**
 - DIN EN ISO 14644-1 Cl.7/8, clean room
 - Cleaning and testing acc. to customer requirements
 - Surface treatment (pickling, grinding, blasting)

- Manufacturing capabilities**
 - Bending Ø 3 - 323,9 mm (roll bending, mandrel bending, bending by inner rolling) or double-shell construction
 - Metal forming (pipe end processing, inner & outer beading, flanging, necking, upsetting, expanding, and calibrating)
 - Machining (milling, drilling and turning operations)
 - Assembling of small and medium-sized series

- Welding technology**
 - All current arc and beam welding processes are used such as:
 - Tungsten gas shielded welding (TIG, PAW)
 - Gas shielded metal arc welding (MAG, MIG)
 - Electron beam welding (EBW), Laser beam welding (LBW)

Our solutions for the aerospace market

- We support you from the first idea through project execution to series production
- Complexity reduction is our job. Get your ready-to-mount components from our one-stop shop, certified acc. to EN 9100 and NADCAP
- Integrated solutions from material procurement to final cleaning and packaging in our clean room. We manage the entire process chain, all described and traceably documented
- Customised final documentation? We prepare it according to your specifications
- Our welding expertise allows us to process titanium, aluminium and almost any stainless steel grade utilising all kind of arc based and beam based processes
- Qualifications can be performed and tested internally. Our laboratory is accredited acc. to ISO 17025
- Special production tools, jigs & fixtures required? The in-house tool shop makes it possible
- Production in larger batches to cut costs without having space to store it?
 We find the adequate stockkeeping solution
- Whether by express, road transport or air freight, our logistics will bring your product at the right time to the right place

Your contact
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