WELDING APPLICATIONS PROGRAMME
WIRES for TIG ORBITAL

• Productivity superior to manual welding
• Wires for high-quality welding
• Ease-of-use
• Welding in confined spaces
• ISO 9001 certification
FSH Welding Group makes every effort to ensure its customers benefit fully from its vast know-how. Over 40 years, FP Soudage, the manufacturing workshop of the group, has built up recognised expertise, allowing it to be distinguished amongst the major players in the industry. The irreproachable quality of its offering in standard and special wires and its quality assurance process guarantee compliance with customer specifications. Our objective is simple and ambitious - to improve continuously in order to ensure the complete satisfaction of each of our customers.

PROCESS

Amongst the various welding processes, the automatic TIG ORBITAL process is one of the most efficient and precise techniques in the industrial world, ensuring welds of the highest quality. The process allows for the welding of all types of thicknesses, even the thinnest, and for access to places which are almost inaccessible using other processes.
À la carte quality and service!

- The cleanliness of the wires, indispensable in this type of use, is guaranteed thanks to electrochemical and mechanical scouring processes.
- The reeling in butt jointed spirals provides for a perfect spooling of the wire.
- Diameters of the wires: available from dia. 0.6mm to 1.2mm.
- The supply wires are available in standard packaging in specific reels D100 and D200, of 0.500Kg, 1Kg, 1.5Kg, 2Kg and 5Kg, or in any kind of packaging produced to customer specifications.
- Additional mechanical tests: RCCM, certificates 3.1 mechanical, ...

Due to its production flexibility, FSH Welding Group can adapt to meet any special requests - grades, diameters or packaging, on request to the technical department.

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**Principal references**

In order to respond to the leading-edge requirements of customers in terms of the quality stability of the alloys

**A wide choice of alloys for multiple applications ...**

Non-alloyed and low-alloy steels, stainless, duplex and super-duplex steels, nickel, titanium, aluminium and copper alloys.

<table>
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<tr>
<th>Denomination</th>
<th>Family</th>
<th>AWS Classification</th>
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**Categories of application**

- **Tube / tube**
  - Pipework applications
- **Tube / plate**
  - Exchanger and boiler applications

**Denomination Family AWS Classification**

**Families:** Low alloy steel; Stainless steel; Nickel; Aluminium; Titanium
... for high technological value markets

Aeronautical, agri-foodstuffs, electricity, heat and nuclear power stations, shipbuilding, electronics, chemical and petrochemical industries, pharmaceuticals, etc.

Services

• Advice and assistance
  A team of experienced engineers and welders assist customers in the selection of the most appropriate materials for each application.

• Research and Development (R & D)
  The R&D department carries out product tests (mechanical and non-destructive tests) in accordance with customer requests.

• Customer Service
  The sales department is available to respond quickly to any requests.

Quality

ISO 9001 certified, and in the process of EN 9100 certification

Authorized distributor

Authorized distributor