



SPECIALIST IN CUSTOMIZED STEEL TUBES AND PROFILES



OSBORN METALS

www.osbornmetals.com





OSBORN METALS

- Expert in cold drawing
- Customized shaped profiles**
- Tubes to the accuracy and dimensions you require**
- Mechanical characteristics to meet your requirements

Tubes for landing gear, structures, transmission shafts, turbine shafts.



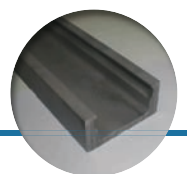
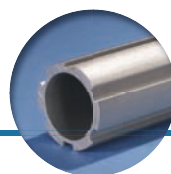
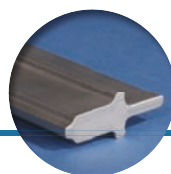
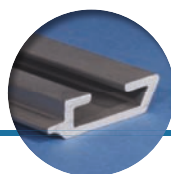
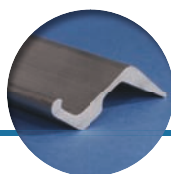
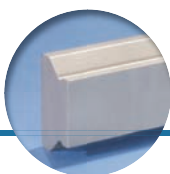
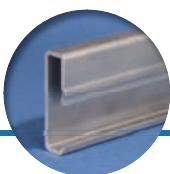
Tubes and profiles for steering columns, seat fixings, gearbox components and various mechanisms.



Transmission shafts, safety bars, roll cages, cradles, wishbone suspension arms, anti-roll bars.



Energy production, generators, agricultural machinery, handling, tooling, miscellaneous industrial applications.



OSBORN TUBES

High-performance tubes

Aeronautics, Defence, Motorsports

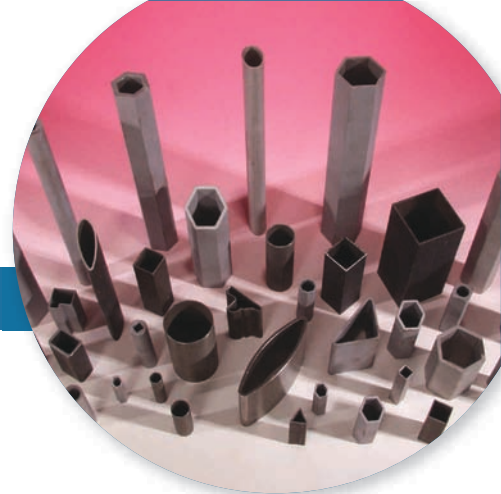
Osborn Tubes specializes in the manufacture of high-performance and high-precision steel alloy tubes for the military, aeronautics and motorsport sectors.

- Round and shaped section tubes: OD of 2 - 120 mm; thickness 0.4 - 10 mm
- Dimensional cross-section of the finished product: "machining" tolerances
- Integrated heat treatments for enhancing and guaranteeing the mechanical properties
- High-grade mechanical characteristics = weight saving
- Integrated facilities for the honing and emery finishing of the tubes
- Quantities adapted to your requirements: sold directly or supplied by approved stockists

In addition to the customary grades of steel used for the production of welded or seamless tubes, **Osborn Tubes** has developed a particular expertise in specific alloys:

- Chromium + molybdenum steels: 15CrMoV6, 25CrMoV4, 35CrMo4, 25NiCrMo16
- British standards BS T45 & BS T60, US standards: AISI 4130
- Precipitation-hardened martensitic steels: 15.5PH, 17.4PH

Osborn Tubes has also developed exclusive ranges of high-performance: OM GT1000 and GT750, "aeronautics grade" tubes for use in motor racing and motorsports.



OSBORN BUJON

Complex shapes

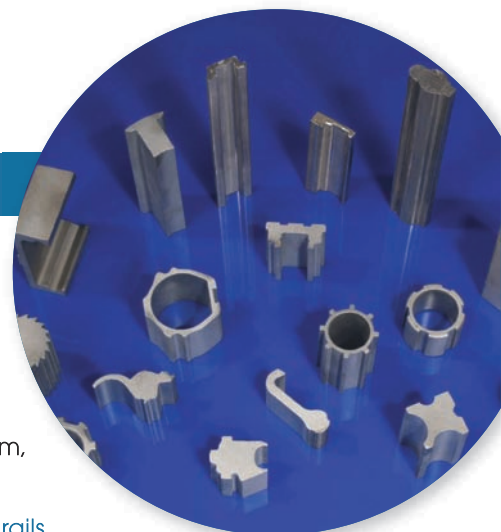
Automotive, Energy, Transport, Handling, & all Mechanical industries.

As a specialist producer of precision cold drawn sections in solid or tubular form, **Osborn Bujon** provides the following to its clients:

- special profiles or tubes for use in extended lengths, such as guide rails, key-bars for generators, etc.
- customized sections manufactured in extended lengths and cut to length for the cost-effective production of mechanical components.
We deliver precision-machined components, with no loss of material.

We are also developing our expertise for the delivery of increasingly complex shapes and materials. Our technical teams can help you to design your products in the interests of cost reduction.

- Dimensional cross-section of finished product: 60 mm² - 6000 mm²
- Customized shapes, in accordance with design requirements
- Savings in raw material
- "Machining" tolerances: accuracy to +/- 0.05 mm (less for design analysis)
- Low tooling costs – tools produced in-house
- Quantities adapted to your requirements: from prototypes to mass production



OUR QUALITY POLICY

Our focus: **Our Customer is our reason for being in business**

Our Quality Manual sets out three major guidelines:

- 1) Compliance of our products with our clients' expectations
- 2) On time deliveries
- 3) Cost control and reduction



Osborn Metals Quality Approvals

- **ISO 9001:2008**
Approval certificate FQA 4001260/A
- **AS 9100 Rev C / EN9100:2009 / JISQ 9100:2009**
Approval certificate FQA 4001260/B
- **TÜV (technical control board) – directive 97/23/EC in accordance with EN 764-5 Chap. 4.2 and AD 2000-Merkblatt WO**
Certificate n° 01 202 F/Q-13 5791
- **OASIS (Online Aerospace Supplier Information System)**
Identification n° (OIN): 6127818124
- **AIRBUS HELICOPTERS:**
Approved supplier for semi-finished metal products (L030 03-002) and special processes (L030 03-001)
- **AIRBUS:**
Approved supplier for semi-finished metal products
ARPid approval n° 161592
- **Specific approvals:**
Supplier approved by Augusta Westland Helicopters,
approved by SAFRAN / Turbomeca FAL577
BAE systems letter of approval ref. ACO/O/LT/JJH/3685

- **Osborn Metals SA**, established as part of the Osborn Metals Ltd group, combines the production facilities of the long-standing establishments Bujon and Gautier Troussel on a single industrial site. Profiles and tubes are marketed under two brand names:

- **Osborn Tubes:** for A.S.D. industries (Aeronautics, Space, Defence) and Motorsport
- **Osborn Bujon:** for all other mechanical industries



OSBORN METALS

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