



At Osborn, we provide not just high-quality tools, but also expert guidance and a commitment to helping you achieve optimal results. Osborn is a reliable partner for businesses seeking to improve their surface finishing, cleaning, and other industrial processes.

Customer Collaboration

Our experts are experienced in surface treatment solutions and finishing tools, ready to partner with customers on how best to achieve optimum results.

Wide Range of Products

We offer a wide range of products specific to metal finishing in aerospace.

North American Manufacturing for Quality and Availability

Our manufacturing facilities across the United States and Mexico ensure the highest quality in the market.

Broadly Available Through Our Distribution Partners

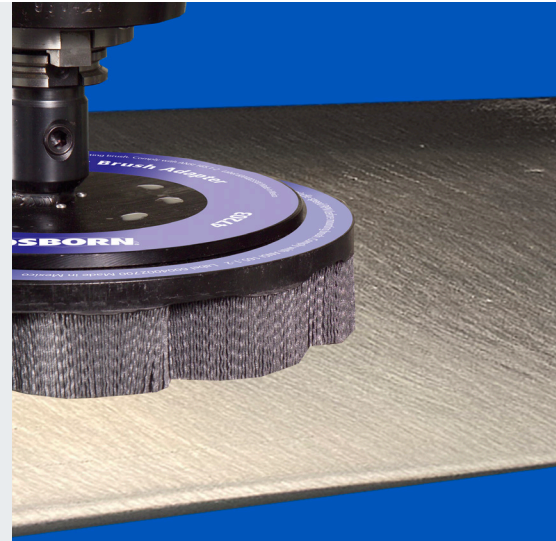
Our complete product line is available and sold through our distribution partners.

Aerospace Applications



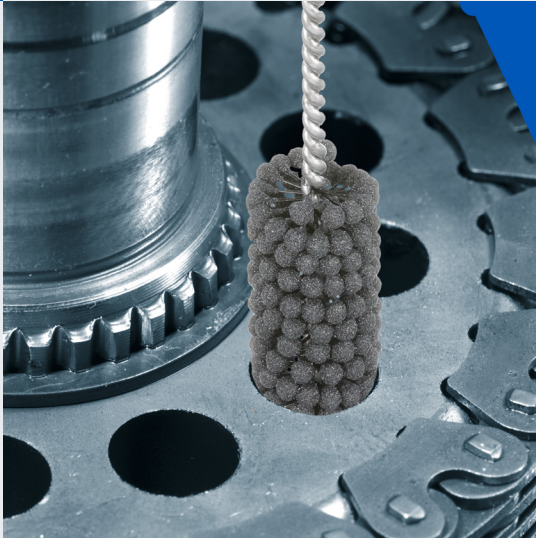
Surface Preparation

Osborn ATB™ brushes are vital for surface prep, ensuring components are clean and ready for crucial processes. They meticulously remove contaminants from intricate parts, ensuring optimal adhesion and finish quality for coatings and bonding, meeting industry standards.



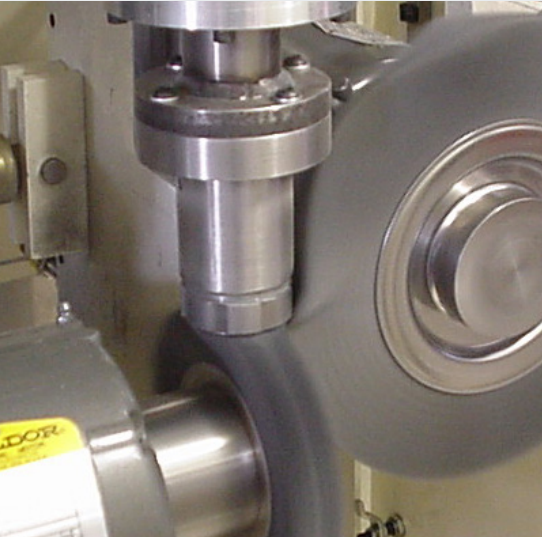
Precision Honing

In aerospace, Osborn's ATB™ NovoFlex Honing Tool ensures precise honing of critical components like hydraulic cylinders, adapting seamlessly to diverse bore sizes and shapes. With abrasive grains in a flexible matrix, it delivers superior surface finish, enhancing performance to meet industry standards.



Deburring And Edge Blending

Aerospace turbine blades and other components are deburred and have their edges blended using ATB™ Brushes. This enhances safety and performance by ensuring smooth and precise edges, reducing the risk of stress fractures and material fatigue.



Applying Solvents

Osborn chip brushes allow for meticulous application of solvents, ensuring that all surfaces, including those in tight spaces and intricate parts, are clean and grease-free. This is essential for components like avionics and control surfaces where cleanliness is crucial for proper function.





Product Recommendations

ATB™ Wheel Brushes

- Osborn ATB™ Wheel Brushes ensure aerospace components are thoroughly cleaned and contaminant-free before bonding or coating, achieving optimal adhesion and high-quality finishes.
- These brushes are perfect for deburring and blending edges on intricate aerospace parts, such as turbine blades, enhancing both safety and performance.
- Osborn ATB™ Wheel Brushes deliver uniform finishes on a variety of materials, including metals and composites, improving the overall quality and integrity of aerospace components while meeting stringent industry standards.



ATB™ Disc Brushes

- Osborn's ATB™ Disc Brushes effectively remove burrs from machined aerospace components, ensuring smooth and precise surfaces critical for performance and safety.
- These brushes prepare metal and composite surfaces for subsequent processes like bonding or coating, ensuring optimal adhesion and finish quality in aerospace applications.
- Osborn's ATB™ Disc Brushes provide uniform edge blending on complex aerospace parts, enhancing structural integrity and reducing the risk of stress fractures.



ATB™ Cup Brushes

- Osborn's ATB™ Cup Brushes excel at removing contaminants, rust, and oxidation from aerospace components, ensuring clean surfaces for further processing or assembly.
- These brushes are ideal for deburring and smoothing edges on intricate aerospace parts, such as turbine blades and structural elements, enhancing safety and performance.
- Osborn's ATB™ Cup Brushes provide uniform finishes on a variety of aerospace materials, improving component quality and meeting stringent industry standards.





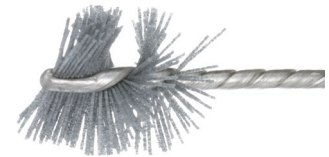
ATB™ End Brushes

- Osborn's ATB™ End Brushes are perfect for cleaning hard-to-reach areas and internal surfaces of aerospace components, ensuring thorough removal of contaminants and debris.
- These brushes effectively deburr small, intricate parts and features in aerospace components, such as cross-hole intersections and internal bores, enhancing precision and safety.
- Osborn's ATB™ End Brushes provide fine finishing and polishing on detailed and complex aerospace parts, improving overall surface quality and ensuring components meet stringent industry standards.



ATB™ Internal Brushes

- Osborn's ATB™ Internal Brushes are ideal for thoroughly cleaning internal bores and passageways in aerospace components, removing debris, oxidation, and contaminants to ensure optimal performance.
- These brushes effectively deburr and smooth the interiors of complex aerospace parts, such as fuel injectors and hydraulic cylinders, enhancing component reliability and safety.
- Osborn's ATB™ Internal Brushes provide uniform finishing within internal surfaces, improving the overall quality and integrity of aerospace components to meet stringent industry standards.



ATB™ NovoFlex Honing Tools

- Osborn's ATB™ NovoFlex Honing Tools provide exceptional surface finishing for aerospace components, ensuring precise and uniform finishes that enhance performance and longevity.
- These honing tools effectively remove burrs and smooth internal surfaces of critical aerospace parts, such as hydraulic cylinders and fuel injectors, improving reliability and operational safety.
- The flexible abrasive filaments of Osborn's ATB™ NovoFlex Honing Tools offer consistent material removal and controlled finishing, meeting the stringent quality standards required in the aerospace industry.





Product Recommendations

Chip Brushes

- Osborn chip brushes are ideal for applying cleaning and grease resolving solvents to aerospace components, ensuring thorough removal of contaminants and preparing surfaces for maintenance or further processing.
- These brushes are essential for detailed cleaning tasks in the aerospace industry, reaching tight spaces and intricate parts to remove debris, dust, and residues effectively.
- Osborn chip brushes are used to prepare surfaces for painting, coating, or bonding, ensuring they are clean and free of grease, dust, and other contaminants for optimal adhesion and finish quality.



We're more than just brushes.

Osborn boasts a vast portfolio catering to a multitude of needs. Whether it's industrial brushes, polishers, roller technology, sealing or idler rollers and rail solutions, you'll find it all at Osborn.



Polishing Buffs, Compounds and Abrasives

Brushing

Cam Followers

Sealing Solutions

Brush Rollers



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