TOOLS FOR X-LOCK
Quickly mounted - safely fixed.
Innovative tools for X-LOCK grinders. Solutions from Osborn.
Change tools quick and comfortably.

Safely fixed with just one click.

The innovative Bosch Professional X-LOCK system makes it easy to change angle grinder accessories without additional tools - up to 5 times faster compared to conventional angle grinders. Just one click and you're ready to go! Dronco and Osborn have the right accessories for the X-LOCK system.

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Quick to mount, quick to change

X-LOCK - offers clear advantages:

- Time savings through comfortable, fast tool changes.
- Noticeable security thanks to the audible locking (clicking sound) of the accessories in the X-LOCK adapter.
- Less rework. Grinding with a flat angle is now easily possible without damaging the surface of the workpiece, because protruding nuts are no longer present on X-LOCK angle grinders.
- Tools with a given direction of rotation such as diamond cutting discs can no longer be installed incorrectly with the help of the X-LOCK system.
- Our X-LOCK tools (with the exception of grinding discs) are backwards compatible and can also be used on conventional angle grinders with spindle mount.
- The innovative X-LOCK system meets the highest quality and safety standards.

X-LOCK – this is how the tool change works

Position the tool on the X-LOCK adapter
Press the tool gently until you hear the click
Use the lever to release the tool from the X-LOCK adapter
Innovative Solutions to your advantage

Both in the production of our X-LOCK cutting discs and in the construction of our X-LOCK brushes, we have put great emphasis on special customer benefits. The manufacturing processes and product features developed for this purpose are unique (patent pending).

M14 THREAD AND X-LOCK ADAPTER
Combi-adapter - (patent pending)

Osborn brushes feature a combi-adapter

• The brushes can be used with X-LOCK angle grinders as well as with conventional angle grinders (M14 spindle mount).
• One tool compatible with two devices.

CUTTING DISCS WITH X-LOCK ADAPTER
Sandwich construction - (patent pending)

Osborn discs are manufactured particularly safe

• Thanks to our sandwich construction, the metal ring is inserted between the fiberglass layers within the granulate and thus receives a particularly strong connection with the cutting disc.
• This production process guarantees maximum stability and safety for the user.

1= label, 2= granulate, 3= ring, 4= bore diameter, 5= fiberglass layer
CUTTING DISCS

X-LOCK Cutting discs | Stainless steel / Steel

AS 60 T INOX X-LOCK
Superior ★★★★☆

This 1-mm cutting disc enables a uniquely clean cut in no time, while requiring only minimal effort.

- Particularly easy-cutting disc with good service life
- Clean, precise cut down to the millimetre – with minimal effort
- Low-burr to burr-free edges (saves reworking)
- No blue discoloration of the workpiece due to heat
- Iron- and sulphur-free

Field of application: For thin sheet metal used in car body building, tank system and container construction, steel cables, thin-walled profiles and pipes of stainless steel, steel, non-ferrous metals or composite materials (glass-reinforced plastics), high temperature resistant materials (e.g. engine repairs in turbine sector).

Lifetime-Plus tin
- Over 30%* longer service life (number of cuts)
- Sealed fresh pack keeps the cutting discs at full capacity and in ‘straight off the line’ condition until package is opened

* In comparison to a conventional 1 mm cutting disc stored for approx. 6 weeks, which is subject to the natural ageing process and the resulting decrease in service life during storage.

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AS 60 V INOX X-LOCK

Evolution ★★★★★

Top-class 1-mm cutting disc for stainless steel and steel. For an extremely fast and precise cut down to the millimetre — with minimal effort.

- Work progresses quickly thanks to incredibly high cutting performance
- A precise cut to the millimetre with minimal physical effort
- Maximum service life and thus ultimate efficiency
- Low-burr to burr-free edges (saves reworking)
- No blue discolouration of the workpiece due to heat
- Iron- and sulphur-free

Field of application: For thin sheet metal used in car body building, tank system and container construction, steel cables, thin-walled profiles and pipes of stainless steel, steel, non-ferrous metals or composite materials (glass-reinforced plastics), high temperature resistant materials (e.g. engine repairs in turbine sector).

Lifetime-Plus tin
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CUTTING DISCS WITH X-LOCK ADAPTER

Sandwich construction - (patent pending)

Osborn discs are manufactured particularly safe

- Thanks to our sandwich construction, the metal ring is inserted between the fiberglass layers within the granulate and thus receives a particularly strong connection with the cutting disc.
- This production process guarantees maximum stability and safety for the user.

X-LOCK

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1- Etikett, 2- Granulat, 3- Ring, 4- Bohrungsdurchmesser, 5- Gewebe
AS 46 T INOX X-LOCK

Superior ★★★★★☆

This thin 1.6-mm special cutting disc is easy on people and tools thanks to its energy-saving effect.

- Particularly easy-cutting disc with long service life
- Clean cut with minimal effort
- Low-burr cut edges
- No blue discolouration of the workpiece due to heat
- Iron- and sulphur-free

Field of application: For thin-walled profiles and sheet metals made of stainless steel or standard steel. The standard in tank systems and container construction.

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AS 46 V INOX X-LOCK

Evolution ★★★★★★

The thin 1.6-mm AS 46 V INOX Evolution high-performance cutting disc stands out thanks to its high cutting speed together with a very long service life and comfortably smooth cutting. The 180-mm and 230-mm discs with depressed center guarantee a stable, straight cut line as well as good flexibility in the outer cutting area. Top product for industrial and trade use.

- Work progresses quickly thanks to high cutting speed
- Very long service life
- Comfortably smooth cut with minimal contact pressure
- Low-burr to burr-free cut
- Iron- and sulphur-free

Field of application: For sheet metal, steel cables, thin-walled profiles and pipes made of stainless steel or standard steel.

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ACS 60 T MULTI X-LOCK

Superior ★★★★★☆

The special composition of this thin ACS 60 T-MULTI combo disc makes it possible to cut metal, aluminium and tiles without time-consuming disc changes. A special tool for specialist users, such as plumbers.

- Combo cutting disc
- Good cutting performance
- Comfortable cutting
- No time-consuming disc changes
- Low-burr to burr-free edges
- Iron- and sulphur-free

Field of application: For stainless steel, steel and stone (especially wall tiles).

Power-Pack tin
- 10 cutting discs in the popular metal tin
- An absolute sales hit, guaranteed to boost turnover

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Additional user benefit
The new X-LOCK version of the ACS 60 T MULTI is now available and even more versatile. Thanks to its new formula, aluminium can now be cutted as well.
GRINDING DISCS

X-LOCK Grinding discs | Steel

**A 30 T X-LOCK**

Perfect ★★★☆☆

Good all-purpose grinding disc with good service life.

**Field of application:** For sheet steel, structural steel and welding seams.

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**Flat X-LOCK grinding discs!**

- Flat Osborn X-LOCK grinding discs make working more comfortable.
- Due to the missing spindle mount of the X-LOCK angle grinder, there is no danger of scratching the workpiece during machining.
- The innovative X-LOCK system meets the highest quality and safety standards.
- Flat X-LOCK grinding discs are not suitable for conventional angle grinders.
AS 30 S INOX X-LOCK

Superior ★★★★★

Medium-hard special grinding disc with high grinding performance on stainless steel surfaces.

- Medium-hard bond
- High rate of material removal
- Iron- and sulphur-free

Field of application: For rust- and acid-resistant steels, high-alloy stainless steels, stainless steel sheeting.

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FLAP DISCS

X-LOCK Flap discs with zirconium corundum

ZIRCON POWER X-LOCK

Perfect ★★★⭐

All-round flap disc with zirconium corundum band on a cotton polyester cloth. Good removal rate and service life.

- Ideal for surface grinding on steel and stainless steel
- High removal rate and effortless work without clogging
- The glass fibre backing is characterised by an even grinding finish until the abrasive grain is completely consumed. No scratches appear on the workpiece.

Field of application: For processing stainless steel and steel.

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**X-LOCK Flap discs with zirconium corundum**

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### ZIRCON TRIM X-LOCK

**Perfect ★★★★★**

Flap disc with a glass fibre reinforced, trimmable plastic backing. Newly developed zirconium abrasive band with very good removal rate and service life. Does not leave any scratches or abrasions on the workpiece.

- Trimmed plastic backing does not leave any scratches or abrasion on the workpiece
- Very robust, glass fibre reinforced plastic backing
- Very good removal rate
- Very good service life

**Field of application:** For surface and edge grinding of stainless steel and steel.

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FLAP DISCS

X-LOCK Flap discs with zirconium corundum

ZIRCON MAXX X-LOCK
Evolution ★★★★★

Premium product with new high-tech zirconium abrasive cloth and additives that actively support grinding. Additional top coat for particularly cool grinding. The innovative abrasive band enables an extremely high removal rate for edge grinding and guarantees a long service life.

- Superior removal rate on edges and hard steel
- Good removal for surface grinding
- Substantial time savings
- Clear plus in terms of service life
- Highly resilient thanks to robust abrasive cloth
- Extra-cool grinding thanks to additional top coat
- Reduces thermal discolouration on the workpiece

Field of application: For processing high alloy, martensitic steel, titanium, malleable cast iron, wrought iron, nickel-cobalt alloys, chrome and chrome-nickel-steel, brass or bronze. Areas of application: Sheet metal processing, container construction, cast parts, hand tools, tubes and bars, metal constructions. Outstanding results for grinding edges of steel or stainless steel.

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Removal rates on edges
+ 120 %

Stock removal 20 min. Material: V2A stainless steel 1400 W, 7-9 A angle grinder

ZIRCON PLUS Superior ZIRCON MAXX Evolution

Results in Dronco/Osborn test lab. Removal values depend to a significant extent on the person performing the test, the angle grinder and workpiece, and may vary.
CERA PLUS X-LOCK

Superior ★★★★☆

Flap disc with self-sharpening ceramic grain, which permanently enables an extremely high removal rate and guarantees a long service life.

The robust polyester backing and a full resin bond with additives that actively support grinding guarantee that the abrasive grain on the backing remains resistant to wear, even under high stress. This makes CERA PLUS ideal for extreme grinding work or demanding special tasks.

- Extremely aggressive removal rate with a minimum of effort
- Substantial time savings
- Clear plus in terms of service life
- Highly resilient
- Self-sharpening
- Cool grinding on surfaces and edges
- Reduces thermal discolouration on the workpiece

Field of application: For processing high alloy steel, titanium alloys, nickel-base alloys, chrome and chrome-nickel-steel, brass or bronze.

Areas of application: Sheet metal processing, container construction, cast parts, hand tools, tubes and bars, metal constructions. Outstanding results for surface and edge grinding of steel or stainless steel.

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CERA MAXX X-LOCK
Evolution ★★★★★

Premium product with self-sharpening ceramic grain and additives that actively support grinding. Additional top coat for particularly cool grinding and improved level of surface quality. This innovative abrasive band impresses thanks to a permanently available aggressive removal rate and incredibly long lifetime. The ultimate for demanding grinding work on high alloy or heat-sensitive steel.

- Extremely aggressive removal rate
- Comfortable handling thanks to low contact pressure
- Particularly cool grinding due to additional top coat
- Reduces thermal discolouration on the workpiece
- Ensures a high level of surface quality
- Top results on edges: up to 40% higher removal rate for edge grinding
- Substantial time savings
- A clear plus in terms of service life – significantly more removal with one disc
- Highly resilient

Field of application: For processing high alloy, martensitic steel, heat-sensitive steel, wrought iron, chrome and chrome-nickel-steel, brass or bronze. Areas of application: Sheet metal processing, container construction, cast parts, hand tools, tubes and bars, metal constructions. Outstanding results for surface and edge grinding of steel or stainless steel.

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Removal rate on surfaces
+ 30 %

Stock removal 20 min.
Material: V2A stainless steel
1400 W, 7–9 A angle grinder

Removal rate on edges
+ 40 %

Results in Dronco/ Osborn test lab. Removal values depend to a significant extent on the person performing the test, the angle grinder and workpiece, and may vary.
Cleansing Tools for Angle Grinders

Wheel Brushes, Knotted Wire
Superior ★★★☆☆

Knotted wheel brush, industrial quality, for general use on all common angle grinders

- Aggressive and speedy cleaning; all wire tips are in use at the same time
- Long service life
- Combi adapter: M14 and X-LOCK

Applications: For roughing, deburring and simple rust removal work

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M14 Thread and X-LOCK Adapter
Combi-adapter - (patent pending)

- The brushes can be used with X-LOCK angle grinders as well as with conventional angle grinders (M14 spindle mount).
- One tool compatible with two devices.

Appearance can vary from picture depending on variant.
CUP BRUSHES, KNOTTED WIRE

**Superior ★★★ ★**

Knotted cup brush, industrial quality, for use on angle grinders

- General-purpose talent, Osborn bestseller
- Impressive cleaning effect
- Solution of choice for cleaning surfaces
- Long life, low set-up costs / short set-up times
- Combi adapter: M14 and X-LOCK

**Applications:** Rust removal, paint stripping, removing slag, silicate residuals and blue discolouring

### Specifications

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**M14 Thread and X-LOCK Adapter**

Combi-adapter - (patent pending)

- The brushes can be used with X-LOCK angle grinders as well as with conventional angle grinders (M14 spindle mount).
- One tool compatible with two devices.
Cup brushes, crimped wire

Superior ★★★☆

Crimped cup brush, industrial quality, for use on angle grinders

- Flexible filament material that adapts perfectly to the workpiece contour
- The optimum angle for the brush to operate at is already specified by the filament shape of the brush
- Combi adapter: M14 and X-LOCK

Applications: Cleaning, removal of paint, rust, slag, blue discolouration

M14 Thread and X-LOCK Adapter

Combi-adapter - (patent pending)

- The brushes can be used with X-LOCK angle grinders as well as with conventional angle grinders (M14 spindle mount).
- One tool compatible with two devices.

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CLEANING TOOLS FOR ANGLE GRINDERS

X-LOCK Bevel brushes

Bevel brushes, knotted wire

Superior ★★★★☆

Knotted bevel brush, industrial quality, for use on angle grinders

- Aggressive cleaning performance
- Long service life
- Combines the best properties of a cup brush with those of a wheel brush
- Workpieces with large areas and difficult to access places can be treated perfectly
- Combi adapter: M14 and X-LOCK

Applications: Deburring, removal of rust, paint, slag, silicates and blue discolouration on complex workpieces

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M14 Thread and X-LOCK Adapter

Combi-adapter - (patent pending)

- The brushes can be used with X-LOCK angle grinders as well as with conventional angle grinders (M14 spindle mount).
- One tool compatible with two devices.
Bevel brushes, crimped wire

Superior ★★★☆☆

Crimped bevel brush, industrial quality, for use on angle grinders

- Flexible filament material, adjusts perfectly to the workpiece
- The longer the filament material, the more flexible the brush
- Combines the best properties of a cup brush with those of a wheel brush
- Processing of large surfaces and hard to reach areas
- Depending on the workpiece geometry, the brush is available in different working widths guaranteeing pinpoint deployment
- Combi adapter: M14 and X-LOCK

Applications: Rust removal, paint stripping, deburring, silicates

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**M14 Thread and X-LOCK Adapter**

Combi-adapter - (patent pending)

- The brushes can be used with X-LOCK angle grinders as well as with conventional angle grinders (M14 spindle mount).
- One tool compatible with two devices.
U4 X-LOCK
Superior

Laser-welded, segmented U4 diamond cutting disc for construction site materials. Maximum safety and very good cutting results at an attractive price.

- For universal application
- Good price-performance ratio
- High cutting speed
- Good service life

Field of application: Dry or wet cutting. For construction site materials such as concrete, exposed aggregate concrete, border stones, natural stone and bricks.

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S3 TURBO X-LOCK
Perfect

The cost-effective alternative for cutting stone slabs. Our proven, sintered diamond cutting disc for use on thin construction site materials. The cutting depth should not exceed 2 cm.

- Good cutting ability
- Continuous cutting rim for clean, breakout-free cut edges

Field of application: Dry or wet cutting. For stone slabs made of concrete, concrete roofing tiles, gneiss, granite, terrazzo, bricks.

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F5 CERA SPEED X-LOCK

Evolution ★★★★★

The tiler’s favourite for the finest cuts.
The particularly thin disc and special geometry of the cutting edge enable an exceptional cutting speed along with comfortable, smooth working conditions. The 10-mm-high diamond segmentation ensures an optimal service life. This blade offers maximum safety thanks to the integrated flange around the bore.

- Thin 1.2-mm cutting rim with special geometry
- Clean, breakout-free edges
- Minimal loss of material
- Exceptionally fast cutting
- Ergonomic, smooth cutting
- Very good service life thanks to 10-mm segment height

Field of application: Dry or wet cutting. For stoneware and high fired tiles. For natural stone slabs of marble, granite or terrazzo.

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WE SELL SOLUTIONS.

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sales@osborn-unipol.co.uk