

INNOVATIONS INSIDE.

X-LOCK 2020

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NO
MERCY
FOR METAL

RHODIUS



Our X-LOCK range:

• XTK8	p.13	• JUMBO SPEED P	p.19	• LD40	p.26
• XT100 EXTENDED	p.12	• VISION SPEED	p.18	• DG15	p.27
• XT38	p.13	• LGZ PB	p.22	• DG35	p.26
• XT70	p.13	• LSZ F1	p.21	• DG50	p.27
• FT33	p.14	• LD300	p.25		





ONE ADVANCED TECHNOLOGY MEETS ANOTHER

And users benefit twice over.

The innovative technologies from RHODIUS for even more performance when it comes to metalworking can now also be used on BOSCH Professional angle grinders with the X-LOCK system.

Thanks to simple and convenient tool changing, you can now work even faster. Of course, RHODIUS discs with X-LOCK are also backwards compatible.

Benefits

- Fast, convenient tool change
- Faster work
- Backwards compatible

HIGHLIGHTS



XTK8 X-LOCK

With a disc thickness of just 0.8mm, this is currently the thinnest cutting disc in the world with X-LOCK technology. This combination posed a special challenge to tool developers, which RHODIUS has now solved for the first time.

Page 13



VISION SPEED X-LOCK

The flap discs of the RHODIUS VISION series for the X-LOCK system deliver a decisive advantage with their transparent design. Users can see where they are working and how cleanly and accurately they are working in a controlled manner.

Page 18



LD300 X-LOCK

This disc was specially developed for the angle grinder. The 12mm-high turbo segments allow for an extremely wide range of applications and ensure a very long service life. Equipped with the X-LOCK mount, the high-performance diamond cutting disc can now be changed even faster.

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CUTTING/ STAINLESS STEEL & STEEL



mm:
1,0-1,9

XT100 EXTENDED X-LOCK



TOP LINE ●●●

- Lifetime
- Cutting ability for solid material
- Cutting ability for thin-walled material

Cutting disc with ceramic abrasive grain. For aggressive cutting performance and a long lifetime with high-volume grinding.

- Cutting disc with ceramic abrasive grain
- High cutting speed
- Reduced burr formation



XLOCK



Shape 41

XT100 EXTENDED X-LOCK

	⊕	mm	Box	PC	Product category	GTIN/pc. EAN/pc.
115 x 1.0 x 22.23		13.300	25	211321	PK01	4011890124574
125 x 1.0 x 22.23		12.250	25	211322	PK01	4011890124581

Abrasive marking according to EN 12413: A36U0BF13679

mm:
0,8

XTK8 X-LOCK



TOP LINE ●●●

- Lifetime
- Cutting ability for solid material
- Cutting ability for thin-walled material

The 0.8 mm cutting disc with ultra low-noise operation gives you a precise and virtually burr-free cut.

- Precise cut without requiring excessive force
- Minimal burr formation means less rework
- Cool cut minimises tarnish colours and material distortion

- i** Specially designed for low-power machines and battery-powered angle grinders



XLOCK

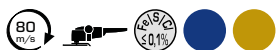


Shape 42

XTK8 X-LOCK

	⊕	mm	Box	PC	Product category	GTIN/pc. EAN/pc.
115 x 0.8 x 22.23		13.300	25	211319	PK01	4011890124550
125 x 0.8 x 22.23		12.250	25	211320	PK01	4011890124567

Abrasive marking according to EN 12413: A60U9BF1433



XT38 X-LOCK

mm:
1,0-1,9

PROLINE ●●●○



XLOCK

Extra-thin cutting disc offering a long lifetime and excellent price-performance ratio.

- Reduced burr formation
- High cutting speed
- Fewer sparks

i Ideal for low-power machines

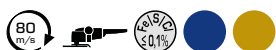
Lifetime ●●●●○○
Cutting ability for solid material ●●●●○○
Cutting ability for thin-walled material ●●●●○○

XT38 X-LOCK					
				Product category	GTIN/pc. EAN/pc.
115 x 1.0 x 22.23	13.300	25	211284	PK01	4011890124192
115 x 1.5 x 22.23	13.300	25	211285	PK01	4011890124215
125 x 1.0 x 22.23	12.250	25	211207	PK01	4011890124123
125 x 1.5 x 22.23	12.250	25	211208	PK01	4011890124109

Abrasive marking according to EN 12413: A46U9BF1415



Shape 41



XT70 X-LOCK

mm:
1,0-1,9

ALPHALINE ●●○○

XLOCK

A reliable cutting disc for the cost-conscious professional.

- Reduced burr formation
- High cutting speed
- Fewer sparks

i Ideal for low-power machines

Lifetime ●●●●○○
Cutting ability for solid material ●●●●○○
Cutting ability for thin-walled material ●●●●○○

XT70 X-LOCK					
				Product category	GTIN/pc. EAN/pc.
115 x 1.0 x 22.23	13.300	25	211345	PK01	4011890124857
115 x 1.5 x 22.23	13.300	25	211346	PK01	4011890124864
125 x 1.0 x 22.23	12.250	25	211347	PK01	4011890124871
125 x 1.5 x 22.23	12.250	25	211348	PK01	4011890124888

Abrasive marking according to EN 12413: A46T11BF10097



Shape 41



FT33 X-LOCK

mm:
2,5

PROLINE ●●●○

XLOCK

Versatile cutting disc that offers a good price-performance ratio.

- High cutting speed
- Comfortable cutting behaviour
- Cuts easily

Lifetime ●●●●○○
Cutting ability for solid material ●●●●○○
Cutting ability for thin-walled material ●●●●○○

FT33 X-LOCK					
				Product category	GTIN/pc. EAN/pc.
115 x 2.5 x 22.23	13.300	25	211286	PK02	4011890124239
125 x 2.5 x 22.23	12.250	25	211287	PK02	4011890124253

Abrasive marking according to EN 12413: A60U9BF1433



Shape 41

GRINDING/POLISHING/ STAINLESS STEEL & STEEL



- Lifetime
- Stock removal

VISION SPEED X-LOCK

TOP LINE ●●●



Ceramic grain flap disc. Thanks to its three cut-outs, the VISION SPEED is transparent while rotating. The working results can therefore be continuously monitored.






- Unimpeded view of the workpiece
- High-performance ceramic grain for fast grinding with low physical effort
- Bond with active grinding additives
- Cool grinding

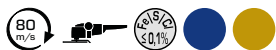


XLOCK



VISION SPEED X-LOCK

					Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13.300	10	211401	PK05	4011890125557
115 x 22.23	60	13.300	10	211402	PK05	4011890125571
115 x 22.23	80	13.300	10	211403	PK05	4011890125595
125 x 22.23	40	12.250	10	211404	PK05	4011890125618
125 x 22.23	60	12.250	10	211405	PK05	4011890125632
125 x 22.23	80	12.250	10	211406	PK05	4011890125656



JUMBO SPEED EXTENDED

TOP LINE ●●●

40/60/80



X-LOCK

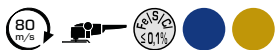
Quick and aggressive grinding with very high stock removal performance, thanks to a large contact surface and extra-long flaps.

Lifetime ●●●●○
Stock removal ●●●●●

- Ceramic grain offers high stock removal performance
- Especially suitable for hardened and tempered steel, tender areas and titanium
- Particularly good for edge grinding

JUMBO SPEED P X-LOCK

					Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13.300	10	211395	PK05	4011890125434
115 x 22.23	60	13.300	10	211396	PK05	4011890125458
115 x 22.23	80	13.300	10	211397	PK05	4011890125472
125 x 22.23	40	12.250	10	211398	PK05	4011890125496
125 x 22.23	60	12.250	10	211399	PK05	4011890125519
125 x 22.23	80	12.250	10	211400	PK05	4011890125533



LSZ F1 X-LOCK

PRO LINE ●●●

40/60/80

X-LOCK

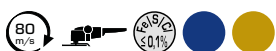
Zirconium flap disc with polyamide backing. Very good performance on stainless steel and excellent performance on steel.

Lifetime ●●●●○
Stock removal ●●●●○

- Long lifetime
- Rapid stock removal

LSZ F1 X-LOCK

					Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13.300	10	211389	PK05	4011890125311
115 x 22.23	60	13.300	10	211390	PK05	4011890125335
115 x 22.23	80	13.300	10	211391	PK05	4011890125359
125 x 22.23	40	12.250	10	211392	PK05	4011890125373
125 x 22.23	60	12.250	10	211393	PK05	4011890125397
125 x 22.23	80	12.250	10	211394	PK05	4011890125410



LSZ PB X-LOCK

TOP LINE ●●●

40/60/80

X-LOCK

Zirconium flap disc with maximum stock removal performance on steel and optimum results on stainless steel with relatively long lifetime.

Lifetime ●●●●○
Stock removal ●●●●○

- Long lifetime
- Excellent stock removal performance on black steel and good performance on stainless steel
- Wear-resistant fibre glass backing and plastic backing with X-LOCK mount

LSZ PB X-LOCK

					Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13.300	10	211446	PK05	4011890126110
115 x 22.23	60	13.300	10	211447	PK05	4011890126134
115 x 22.23	80	13.300	10	211448	PK05	4011890126158
125 x 22.23	40	12.250	10	211449	PK05	4011890126172
125 x 22.23	60	12.250	10	211450	PK05	4011890126196
125 x 22.23	80	12.250	10	211451	PK05	4011890126219





●●●●● Lifetime
●●●●● Cutting ability

LD300 X-LOCK

TOP LINE ●●●



X-LOCK

The LD300 offers maximum performance and an optimised lifetime for a very broad range of applications ranging from medium-hard to hard materials. This product has been specially developed for angle grinder use. The 12 mm segments feature a special design that ensures the rapid transport of the cutting particles away from the disc and therefore an optimised disc lifetime. At the same time, the LD300 offers impressively high cutting speed. Suitable for wet and dry cutting.

- 12 mm segment height for an even longer lifetime
- High-performance cutting disc suitable for many kinds of applications
- Specially-shaped turbo segments increase cutting speed while optimising transport of cutting particles way from the disc
- Wet and dry cut
- Laser-welded



straight

LD300 X-LOCK

					Product category	GTIN/PK EAN/PK
115 x 12.0 x 2.4 x 22.23		13.285	1	353287	PK10	4011890124536
125 x 12.0 x 2.4 x 22.23		12.250	1	353288	PK10	4011890124543



LD40 X-LOCK

PROLINE ●●○







XLOCK

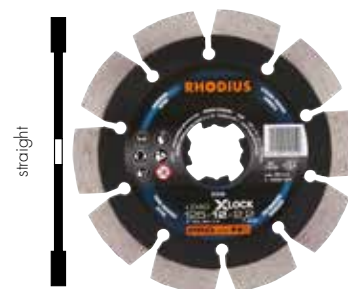
The LD40 enables high cutting speeds and short cutting times on a wide range of materials from concrete to granite. The 12 mm high diamond segments of the LD40 are laser welded to the steel core of the disc. Suitable for wet and dry cutting.

Lifetime ●●●●○○
Cutting ability ●●●●○○

- 12 mm high segments
- Wide range of applications
- High cutting speed
- Wet and dry cut
- Laser-welded

LD40 X-LOCK

				Product category	GTIN/pc. EAN/pc.
115 x 12.0 x 2.2 x 22.23	13.300	1	353285	PK10	4011890124512
125 x 12.0 x 2.2 x 22.23	12.250	1	353286	PK10	4011890124529



DG35 X-LOCK

ALPHA LINE ●○○







XLOCK

The high-performance diamond cutting disc DG35 with continuous turbo rim offers an impressively long lifetime, high cutting speed and a wide range of possible applications from granite to concrete. At the same time, its 10 mm high segments allow for fast working and clean cutting edges. Suitable for wet and dry cutting.

Lifetime ●●●●○○
Cutting ability ●●●○○○

- 10 mm segment height for a very good service life
- Short cutting times
- Continuous turbo rim for high cutting speed and clean cutting edges
- Wide range of applications from granite to concrete
- Wet and dry cut

DG35 X-LOCK

				Product category	GTIN/pc. EAN/pc.
115 x 10.0 x 2.0 x 22.23	13.300	1	353294	PK10	4011890125229
125 x 10.0 x 2.0 x 22.23	12.250	1	353295	PK10	4011890125236





DG15 X-LOCK

TOP LINE ●●●

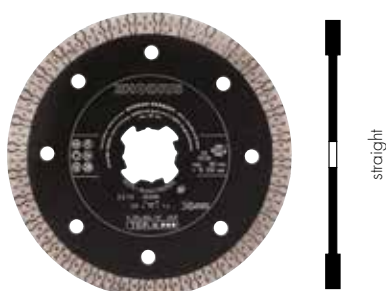


●●●●● Lifetime
●●●●● Cutting ability


With a segment width of 1.4 mm, the DG15 is able to achieve very high cutting speeds. Due to the special diamond bond within the 10 mm high segments, it is particularly suited for cutting high-fired tiles, stoneware and ceramics. In this area, it shows its full potential and also excels with very low dust generation during dry cutting. With its reinforced steel core, the DG15 ensures a precise cut and clean cutting edges.

X-LOCK

- 10 mm high segments
- Low dust generation
- Optimised diamond bond for hard tiles, ceramics and porcelain stoneware
- Reinforced steel core guarantees a precise cut and a clean cutting edge
- 1.4 mm segment width for high cutting speed
- Wet and dry cut



DG15 X-LOCK

				Product category	GTIN/pc. EAN/pc.
115 x 10.0 x 1.4 x 22.23	13.300	1	353281	PK10	4011890124345
125 x 10.0 x 1.4 x 22.23	12.250	1	353282	PK10	4011890124352



DG50 X-LOCK

PRO LINE ●●●



●●○○○○ Lifetime
●●○○○○ Cutting ability





The DG50 offers an impressively good price-performance ratio. With its smooth continuous rim, it ensures clean cutting edges and is suited for universal use in tiles. Suitable for wet and dry cutting.

X-LOCK

- Continuous smooth rim for clean cutting edges
- Universal application
- Good price-performance ratio
- Wet and dry cut



DG15 X-LOCK

				Product category	GTIN/pc. EAN/pc.
115 x 7.0 x 1.6 x 22.23	13.300	1	353283	PK10	4011890124499
125 x 7.0 x 1.6 x 22.23	12.250	1	353284	PK10	4011890124505

General information:

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Burgbrohl, March 2020

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EXPLANATION OF SYMBOLS

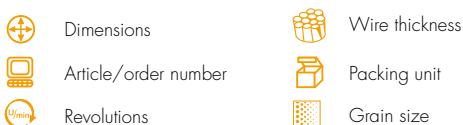
Machines



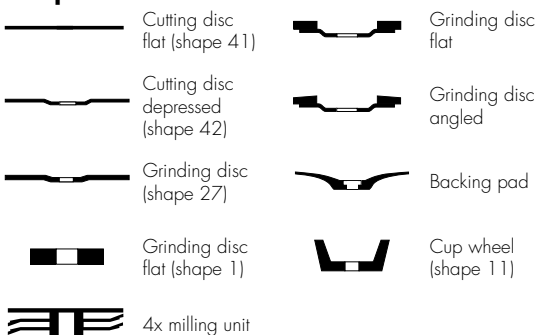
Safety and application identification



Product table



Shapes

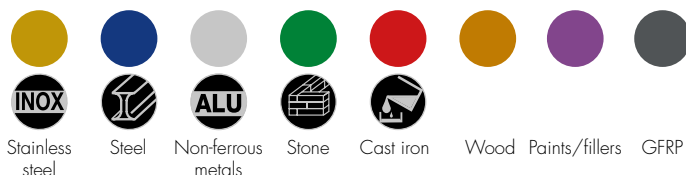


Quality system

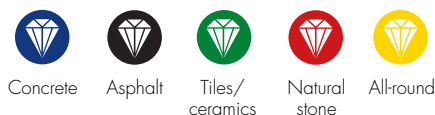


Material pictograms and colour coding

Resin-bonded abrasives and others



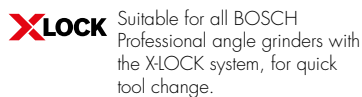
Diamond tools



Dimensions and models



Technologies



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