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## Catalogue S.108 E



Cutting



Drilling



**Grinding**



Milling

Grinding tools for ...  
angle grinder    two-hand floor grinder  
single-disk grinder    multi-disc grinder

**atlas**  gmbh  
diamant  
QUALITÄT VOM HERSTELLER  
SELECTION

**quality. resistance.**

Diamond tools from the manufacturer. That's what **atlas** diamant GmbH stands for.

We have chosen tools for our SELECTION program which we obtain from longstanding suppliers and are often refined and finishing in our factory so that we can guarantee their high performance.



The clear goal: **long-term partnerships** with satisfied customers

**diversity. clarity. success.**



## Step 1

see catalogue MANUFAKTUR



removal  
and decoat



## Step 2

page 06 - 17



grind and  
prepare



## Step 3

see catalogue MANUFAKTUR



fine grinding and  
small grain grinding



## Step 4

page 20 - 24



polish and  
finishing

in **4** steps to the perfect floor



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**grind and prepare**

STEP 2



P. 06

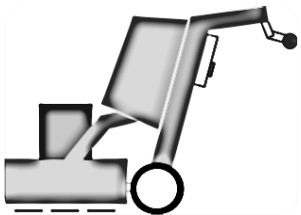


application matrix	SIGMA DIA	AGRO TRON	SPIROX DIA	V6 DIA	V6 PCD	DELTA DIA	2-REIHIG DIA	PILZ DIA	ARCO DIA	ARCO FLEX
	Page 08	page 09	page 10	page 11	page 12	page 13	page 14	page 15	page 16	Page 17
coatings > 2 mm coatings < 2 mm	Life	Speed								
sealings paints		Speed Speed		Speed	Speed Speed	Speed Speed	Life			
concrete old concrete	Life Life	Speed Speed	Life Life	Speed Speed		Speed Speed	Life Life	Spezial Spezial	Life Life	Life Life
screed hard-grain flooring	Life Life		Life Life	Speed	Speed	Speed Speed	Life Life			
plaster asbestos	Life	Speed	Life	Speed	Speed	Speed	Life	Spezial	Life	Life
asphalt mastic asphalt		Speed Speed		Speed Speed	Speed Speed					
adhesive residue, soft adhesive residue, hard	Life Life	Speed Speed	Speed	Speed	Speed Speed	Speed	Life	Spezial	Life	
leveling compounds power-floated, smoothed	Life Life	Speed	Speed	Speed Speed	Speed Speed	Speed	Life			
tiles, ceramics tiles, natural stone	Life	Speed				Speed		Spezial	Life	
terrazzo		Speed				Speed		Spezial	Life	

# grind and prepare



item no	Ø in mm	hole	type
218-0 125 -022-Sigma			
218-0 150 -019-Sigma			
218-0 180 -022-Sigma			



734-3-m-K0-Sigma



grinding wings available for following machines with surcharge :  
Airtec, Blastrac, Contec, Lavina, HTC, Husqvarna, Schwamborn, Skanmaskin  
and others.

**Use for...**

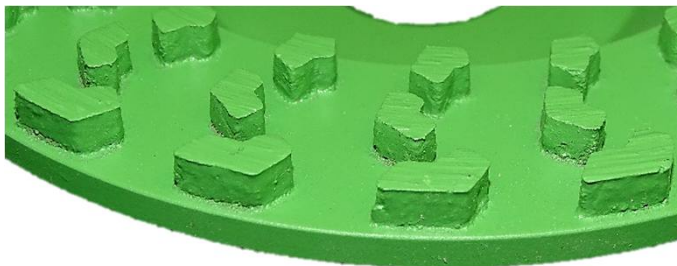
adhesive residue, hard	ok
adhesive residue, soft	ok
asbestos	
asphalt	
coatings > 2mm	
coatings < 2mm	ok
concrete	ok
hard-grain flooring	ok
leveling compounds	ok
mastic asphalt	
old concrete	ok
paints	
plaster	ok
power-floated, smoothed	ok
screed	ok
sealings	
terrazzo	
tiles, ceramics	ok
tiles, natural stone	







item no.	Ø in mm	hole	type
218-0125-022-Agro-Tron			
218-0180-022-Agro-Tron			



Segment height 4,3 mm



**Use for...**

adhesive residue, hard	ok
adhesive residue, soft	ok
asbestos	
asphalt	ok
coatings > 2mm	
coatings < 2mm	ok
concrete	ok
hard-grain flooring	
leveling compounds	ok
mastic asphalt	ok
old concrete	ok
paints	ok
plaster	ok
power-floated, smoothed	
screed	
sealings	ok
terrazzo	ok
tiles, ceramics	ok
tiles, natural stone	

floor surface  
hard

segment bond  
medium

resulting grinding image  
medium

AGRO TRON

P. 09



item no.	Ø in mm	hole	type
203-0 125 -022			Spirox
203-0 180 -022			Spirox



718-0 250 -12S-Spirox

**Use for...**

adhesive residue, hard	ok
adhesive residue, soft	
asbestos	
asphalt	
coatings > 2mm	
coatings < 2mm	
concrete	ok
hard-grain flooring	ok
leveling compounds	ok
mastic asphalt	
old concrete	ok
paints	
plaster	ok
power-floated, smoothed	
screed	ok
sealings	
terrazzo	
tiles, ceramics	
tiles, natural stone	

floor surface  
hard - soft

segment bond  
medium - hard

resulting grinding image  
medium

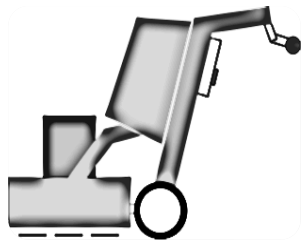
**SPIROX DIA**

P. 10



item no.

	item no.	Ø in mm	hole	type
Handheld grinding machine	725-0	115	M14	V6
	725-0	125	-022	V6
	725-0	150	-019	V6
	725-0	180	-022	V6



749-4-V6-SS-01



grinding wings available for following machines with surcharge :  
Airtec, Blastrac, Contec, Lavina, HTC, Husqvarna, Schwamborn, Skanmaskin  
and others.

Use for...

adhesive residue, hard	ok
adhesive residue, soft	
asbestos	
asphalt	ok
coatings > 2mm	
coatings < 2mm	
concrete	ok
hard-grain flooring	
leveling compounds	ok
mastic asphalt	ok
old concrete	ok
paints	
plaster	ok
power-floated, smoothed	ok
screed	ok
sealings	ok
terrazzo	
tiles, ceramics	
tiles, natural stone	

floor surface  
hard - soft

segment bond  
medium - hard

resulting grinding image  
medium

V6 DIA

P. 11



item no.

Ø in mm

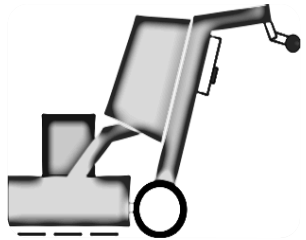
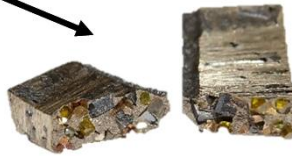
hole

type

729-0 115-M14-V6-N  
729-0 125-022-V6-N  
729-0 150-019-V6-N



broken Hybrid  
segment



749-4-V6-SS-01-N



Use for...

adhesive residue, hard	ok
adhesive residue, soft	
asbestos	
asphalt	ok
coatings > 2mm	
coatings < 2mm	
concrete	ok
hard-grain flooring	
leveling compounds	ok
mastic asphalt	ok
old concrete	ok
paints	
plaster	ok
power-floated, smoothed	ok
screed	ok
sealings	ok
terrazzo	
tiles, ceramics	
tiles, natural stone	

grinding wings available for following machines with surcharge :  
Airtec, Blastrac, Contec, Lavina, HTC, Husqvarna, Schwamborn, Skanmaskin  
and others.

floor surface  
hard - soft

segment bond  
medium - hard

resulting grinding image  
medium

V6 PCD

P. 12



item no.	Ø in mm	hole	type
↳ 204-0 100 -022-Delta			
204-0 125 -022-Delta			
204-0 130 -025-Delta			
204-0 150 -019-Delta			
204-0 180 -022-Delta			



Use for...	
adhesive residue, hard	ok
adhesive residue, soft	
asbestos	
asphalt	
coatings > 2mm	
coatings < 2mm	ok
concrete	ok
hard-grain flooring	ok
leveling compounds	ok
mastic asphalt	
old concrete	ok
paints	ok
plaster	ok
power-floated, smoothed	
screed	ok
sealings	ok
terrazzo	ok
tiles, ceramics	
tiles, natural stone	ok

floor surface  
hard

segment bond  
medium

resulting grinding image  
medium

DELTA DIA

P. 13





item no.	Ø in mm	hole	type
200-0 060 -022-1-reihig			
201-0 080 -022-2-reihig			
201-0 100 -022-2-reihig			
201-0 125 -022-2-reihig			
201-0 150 -019-2-reihig			
201-0 180 -022-2-reihig			

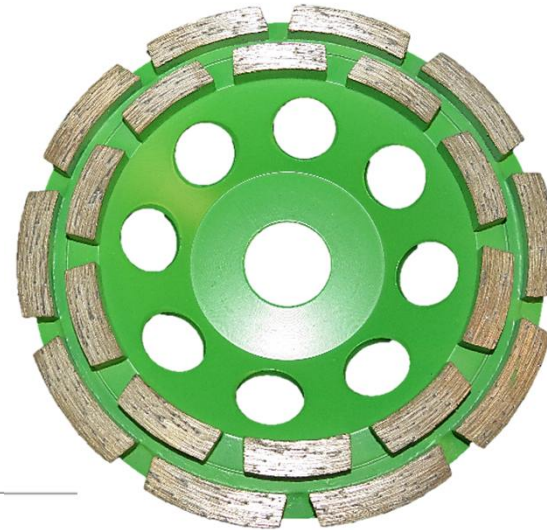


Illustration Ø 80 mm



Illustration Ø 60 mm  
(original size)

**Use for...**

adhesive residue, hard  
adhesive residue, soft

asbestos  
asphalt

coatings > 2mm  
coatings < 2mm

concrete ok  
hard-grain flooring ok

leveling compounds ok  
mastic asphalt

old concrete ok  
paints

plaster ok  
power-floated, smoothed ok

screed ok  
sealings ok

terrazzo  
tiles, ceramics

tiles, natural stone

floor surface  
hard

segment bond  
medium

resulting grinding image  
medium

1-REIHIG DIA  
2-REIHIG DIA





item no.

Ø in mm

connector

type

206-0 100 -M14-Pilz



**Use for...**

adhesive residue, hard	ok
adhesive residue, soft	ok
asbestos	
asphalt	
coatings > 2mm	
coatings < 2mm	ok
concrete	ok
hard-grain flooring	ok
leveling compounds	ok
mastic asphalt	
natural stone	ok
old concrete	
paints	ok
plaster	
power-floated, smoothed	ok
screed	ok
sealings	ok
terazzo	
tiles, ceramics	
tiles, natural stone	ok

floor surface  
hard

segment bond  
soft

resulting grinding image  
medium



item no.	Ø in mm	hole/connector	type
210-0 100 -M14-Arco			
210-0 125 -M14-Arco			
210-0 100 -022-Arco			
210-0 125 -022-Arco			



Use for...	
adhesive residue, hard	ok
adhesive residue, soft	
asbestos	
asphalt	
coatings > 2mm	
coatings < 2mm	
concrete	ok
hard-grain flooring	
leveling compounds	
mastic asphalt	
old concrete	ok
paints	
plaster	ok
power-floated, smoothed	
screed	
sealings	
terrazzo	ok
tiles, ceramics	
tiles, natural stone	ok

floor surface  
hard

segment bond  
medium

resulting grinding image  
medium



ARCO DIA



item no.	Ø in mm	hole/connector	type
218-0	125	023.5	Arco-Flex



**Use for...**

adhesive residue, hard  
adhesive residue, soft

asbestos  
asphalt

coatings > 2mm  
coatings < 2mm

concrete ok  
hard-grain flooring

leveling compounds  
mastic asphalt

old concrete ok  
paints

plaster ok  
power-floated, smoothed

screed  
sealings

terrazzo  
tiles, ceramics

tiles, natural stone

floor surface  
hard

segment bond  
medium

resulting grinding image  
medium

**Note:**  
suitable for  
FLEX Giraffe



**ARCO FLEX**



## polish and finishing



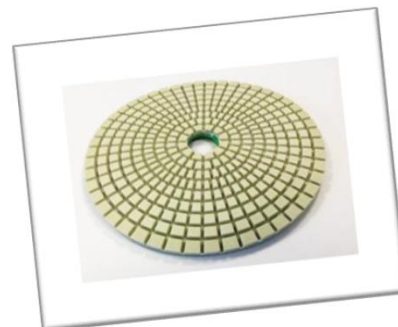
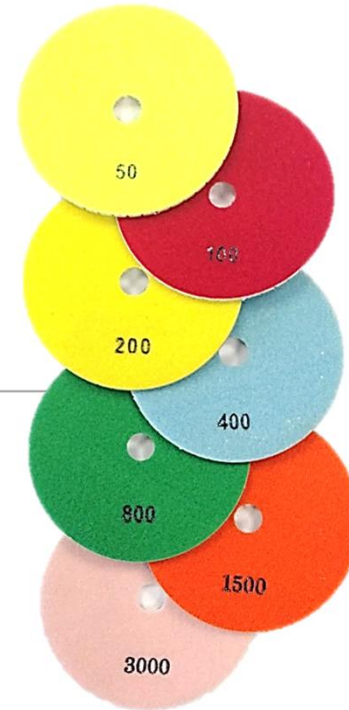
application matrix	MASTER EDGE	MASTER CORNER	MASTER AREA
	page 22	page 23	page 24
adhesive residue, hard adhesive residue, soft			
asbestos asphalt			
coatings > 2mm coatings < 2mm			
<b>concrete</b> hard-grain flooring	edge	corner	area
<b>leveling compounds</b> mastic asphalt	edge	corner	area
<b>old concrete</b>	edge	corner	area
<b>paints</b>	edge	corner	area
plaster <b>power-floated, smoothed</b>	edge	corner	area
screed sealings			
<b>terazzo</b> tiles, ceramics	edge	corner	area
<b>tiles, natural stone</b>	edge	corner	area







item no.	Ø in mm	hole	grain
211-0 125 -016-K00	50		
211-0 125 -016-K0	100		
211-0 125 -016-K0	200		
211-0 125 -016-K0	400		
211-0 125 -016-K0	800		
211-0 125 -016-K	1500		
211-0 125 -016-K	3000		



**Use for...**

adhesive residue, hard  
adhesive residue, soft

asbestos  
asphalt

coatings > 2mm  
coatings < 2mm

concrete ok  
hard-grain flooring

leveling compounds ok  
mastic asphalt

old concrete ok  
paints

plaster ok  
power-floated, smoothed

screed ok  
sealings

terazzo ok  
tiles, ceramics

tiles, natural stone ok

floor surface  
hard - very hard

segment bond  
plastic binding

resulting grinding image  
very fine - polish







item no.	grain
↳ 212-3Eck-K00 50	50
212-3Eck-K0 100	100
212-3Eck-K0 200	200
212-3Eck-K0 400	400
212-3Eck-K0 800	800
212-3Eck-K 1500	1500



**Use for...**

adhesive residue, hard  
adhesive residue, soft

asbestos  
asphalt

coatings > 2mm  
coatings < 2mm

concrete ok  
hard-grain flooring

leveling compounds ok  
mastic asphalt

old concrete ok  
paints

plaster ok  
power-floated, smoothed

screed ok  
sealings

terrazzo ok  
tiles, ceramics

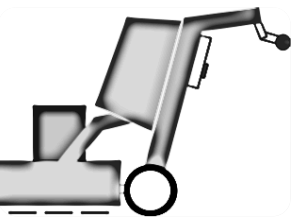
tiles, natural stone ok



floor surface  
hard - very hard

segment bond  
plastic binding

resulting grinding image  
very fine - polish

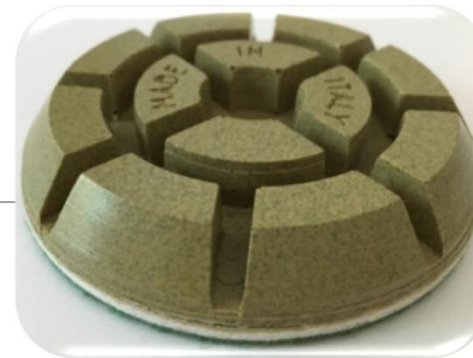


item no.

Ø in mm

grain

213-00 75-K00	60-MIE	●
213-00 75-K0	120-MIE	●
213-00 75-K0	220-MIE	●
213-00 75-K0	400-MIE	●
213-00 75-K0	800-MIE	●
213-00 75-K	1500-MIE	●



Use for...

adhesive residue, hard  
adhesive residue, soft

asbestos  
asphalt

coatings > 2mm  
coatings < 2mm

concrete ok  
hard-grain flooring

leveling compounds ok  
mastic asphalt

old concrete ok  
paints

plaster ok  
power-floated, smoothed

screed ok  
sealings

terazzo ok  
tiles, ceramics

tiles, natural stone ok

floor surface  
hard - very hard

segment bond  
plastic binding

resulting grinding image  
very fine - polish

MASTER AREA

P. 24

## General terms of sale and delivery of atlas diamant GmbH, 95632 Wunsiedel

### § 1 General – Scope

- 1.1 All our deliveries are subject to the following conditions, unless otherwise agreed in writing.
- 1.2 The following terms of delivery apply to all contracts, deliveries and other services, unless they are changed or excluded with the express consent of the seller. Different conditions of the buyer, which the seller does not expressly recognize in writing, are non-binding, even if the seller does not expressly object.
- 1.3 Orders become binding only after our written confirmation.
- 1.4 Our terms and conditions also apply to all future business with the customer.

### § 2 Offer and delivery conditions

- 2.1 Our offers are non-binding. The conclusion is made by our written order confirmation. Collateral agreements are only effective if they have been confirmed by us in writing. Once placed orders are irrevocable and non-cancellable. The buyer is liable for the correctness of the documents to be delivered by him, in particular drawings, gauges and samples.
- 2.2 The prices are ex works, they are non-binding. We reserve the right to adjust the prices if there is a change in the cost factors in the period between submission of the offer and delivery.
- 2.3 Added to the prices is the value added tax in the respective statutory amount.
- 2.4 For the order, a minimum order value of 5000 € must be reached.
- 2.5 The minimum order value is 5000 €, otherwise a minimum quantity surcharge will be charged. Exempted from this are repair parts, however, plus transport costs.
- 2.6 Unless otherwise agreed in writing, delivery is ex works Wunsiedel.
- 2.7 We are entitled to make partial deliveries.
- 2.8 Information on the delivery time or the delivery date are to be understood as guideline values that can be exceeded or fallen below, this applies in particular in the event of faults occurring outside our control.
- 2.9 Delivery times that may be exceeded or fallen below, this applies in particular in the event of faults occurring outside our control.
- 2.10 We are not liable for any loss or damage.
- 2.11 The buyer must check the delivered goods immediately upon receipt. Any damage to the goods, including the packaging, must be noted on the bill of lading and acknowledged by the driver. Later reported damages are not recognized by the forwarding insurance and are therefore at the expense of the buyer.

### § 3 Terms of payment

- 3.1 Our invoices are payable within 10 days with 2% discount or within 30 days net, unless otherwise agreed in writing. Repair and spare parts invoices are due immediately net.
- 3.2 Conditions for repairs will be changed if the repair is not to be carried out.
- 3.3 If the buyer is in default of payment of an invoice, all liabilities to us are immediately due.
- 3.4 Checks are accepted only on account of performance and are only valid after unconditional credit as payment. Bank fees are charged to the buyer.
- 3.5 The statutory rules regarding the consequences of late payments apply.
- 3.6 If the buyer is in default of payment, we reserve the right to demand advance payment.
- 3.7 Initial orders with new customers are processed against advance payment.

### § 4 Warranty

- 4.1 For the quality of the products supplied by us warranty is accepted for manufacturing or material defects due to repair or replacement occurring within the statutory or contractual deadline. Otherwise, we guarantee in writing the quality of the products supplied by us. The warranty is limited to the goods and accessories (including the goods) which are the subject of the guarantee. The guarantee is not applicable to goods which are subject to wear and tear or to goods which are subject to normal use. The guarantee is not applicable to goods which are subject to normal use. The guarantee is not applicable to goods which are subject to normal use. The guarantee is not applicable to goods which are subject to normal use.
- 4.2 In the event of a complaint of material defects, representative samples of the goods complained about must be sent to us for evaluation. Notifications of defects can only be processed by us if at least 50% of the original diamond coating is still present.
- 4.3 According to § 377 HGB, the buyer must duly fulfill his examination and complaint obligations. Complaints due to obvious or hidden defects must be made immediately after receipt of the goods. In the case of justified notice of defects, we are entitled to the right to repair or replacement. We are not liable for damages that are not incurred on the goods themselves, and not for lost profits or other financial losses of the buyer.
- 4.4 Warranty is excluded for goods which have become unusable due to improper use, which has been altered, which is worn or worn due to operational conditions.
- 4.5 Complaints can only be accepted in conjunction with a proof of purchase (invoice copy).

### § 5 Guarantee

- 5.1 As a result of the products delivered by us, we guarantee for a period of 12 months from the date of purchase. We undertake to repair the products gratuitously, if delivered free of charge to us if they have become defective as a result of material or manufacturing defects. A condition for the guarantee obligation is that the products were treated properly. Parts that are subject to natural wear are not covered by warranty. The warranty is void in case of damage due to improper operation and improper use. Incorrect installation, intervention by unauthorized persons or use of accessories or spare parts that are not original parts.
- 5.2 Return of warranty cases and repairs must be agreed in advance with us, the resulting transport and packaging costs are always at the expense of the buyer, this applies in particular to damage to the goods due to improper transport packaging. For returns due to incorrect orders by the buyer 20% of the value of the goods, as well as incurred transport and packaging costs are charged to the buyer. The goods will be taken back only after explicit approval by us. The goods must be in perfect condition. For special orders, as well as for custom made, no return option.
- 5.3 Further obligations, such as damage claims e.g. liability for property damage and personal injury, compensation for lost time or other financial loss are also excluded.

### § 6 EAN bar code (GTIN – Global Trade Item Number)

- 6.1 The buyer is obliged to verify the correctness of the EAN bar code attached to the goods or any other code attached to the goods upon reception of the goods immediately by random checks. Our liability for incorrect coding is limited.

### § 7 Retention of title

- 7.1 We reserve title to the purchased item until receipt of all payments from the business relationship with the customer. In case of breach of contract by the customer, in particular in case of default, we are entitled to reclaim the goods. The withdrawal of the purchased item by us is a withdrawal from the contract. After the return of the purchased goods, we are entitled to their recovery, the proceeds of the sale shall be credited against the customer's debts, less reasonable exploitation costs.
- 7.2 The dealer customer is obliged to handle the purchased goods with care, in particular, he is obliged to insure these at his own expense against damage caused by fire, water and theft to the value of new. If maintenance and inspection work is required, the customer must carry it out on time at their own expense.
- 7.3 In the event of seizure or other interference by third parties, the customer must notify us immediately in writing, so that we can file an action in accordance with § 771 ZPO. Insofar as the third party is not in a position to release the goods, we reserve the right to take possession of the goods.
- 7.4 The dealer customer is entitled to resell the purchased item in the ordinary course of business; however, it hereby assigns to us all claims in the amount of the final invoice amount (including VAT) of our claim arising from the resale against its customers or third parties, irrespective of whether the purchased goods were resold without or after processing. To collect this claim, the customer remains authorized even after the assignment. Our authority to collect the claim itself remains unaffected. However, we undertake not to collect the claim as long as the customer meets his payment obligations from the proceeds received, does not default on payment and, in particular, has not filed an application for settlement or insolvency proceedings or has ceased payments. However, if this is the case, we can demand that the customer notify us of the assigned claims and their debtors, provide all information necessary for collection, hand over the associated documents and notify the debtors (third parties) of the assignment.
- 7.5 The processing or transformation of the purchased item by the customer is always carried out for us. If the purchased item is processed with other items not belonging to us, we acquire the co-ownership of the new goods or the co-ownership of the purchased item in proportion to the value of the processed items at the time of processing. Incidentally, the same applies to the object resulting from processing if the purchased item is inseparably mixed with other items not belonging to us. We acquire co-ownership of the new item in proportion to the value of the purchased item (final invoice amount, including VAT) to the other mixed items at the time of mixing, if the mixing takes place in such a way that the customer's item is to be regarded as the main item, it shall be deemed agreed that the customer assigns proportional co-ownership to us. The customer keeps the resulting sole ownership or co-ownership for us.

### § 8 Goods return

- 8.1 We will only take back goods delivered by us with express consent.
- 8.2 The return must be made stating our delivery note or invoice number, otherwise no processing is possible. The return is in any case to be made free. Unfree returned goods we do not accept.
- 8.3 To cover our processing costs, the credit will be reduced by 20% of the value of the goods. Returns that are caused by our fault remain excluded from this.

### § 9 Place of performance

- 9.1 Place of fulfillment for payment and delivery is our place of business.

### § 10 Jurisdiction

- 10.1 Place of jurisdiction for merchants is Wunsiedel (95632).

### § 11 Catalogs

- 11.1 The illustrations of our catalogs and brochures are not binding for the execution. We reserve the right to make changes to the design at any time. For deviations from the specified dimensions, weights, etc., we assume no liability. We are not liable for any typographical errors in our catalogs, brochures, price lists and other publications.

### § 12 Copyright

- 12.1 We reserve the rights of ownership and copyright to illustrations, drawings, samples or other documents. They may not be made accessible to third parties without our permission and must be returned immediately upon request.

07/2013



Visit us on Facebook!



Please contact us if you have any further questions!

**atlas diamant GmbH**

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