

# Precision for perfection

Industrial quality  
for professionals



**NEW!** Top Precision circular saw blades.  
Particularly durable, low-vibration and quiet.



**BOSCH**

Invented for life

# Top quality

## for perfect cutting results

### Innovative Manufacturing – made in Italy

The North Italy based company, Freud, has recently become part of Bosch. It is a leader in the manufacturing and sales of circular saw blades in industrial quality, with more than 40 years of worldwide experience.

With this expertise Bosch has become a leading manufacturer of top-quality circular saw blades.

We constantly monitor user needs and trends in applications and materials. Satisfying our customers and providing solutions is our main driver. This expertise, coupled with a fully integrated production process and constant research of new materials and machinery, increases the knowledge available for the design of innovative circular saw blades and for delivering perfect solutions.

The application-oriented range structure and the informative packaging make it easy for professionals to choose the correct circular saw blades for their specific application. From circular saw blades for stationary machines to mitre saws: Bosch offers the complete range of circular saw blades that professionals demand.



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## Current circular saw blade range:

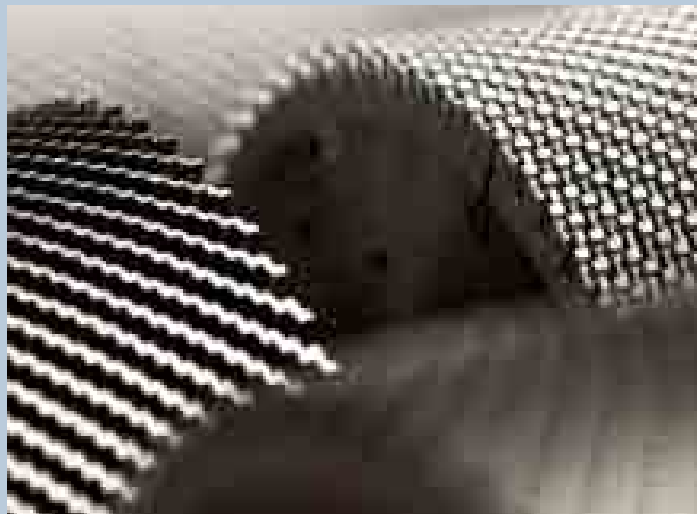
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# The new circular saw blade range: **top precision guaranteed**

## Leader in carbide technology

The quality of the carbide used to produce the teeth of a circular saw blade is an essential success factor for a very high quality product. In our carbide plant in Italy, we oversee the manufacturing process of carbide production from A to Z.

We are the only manufacturer to produce our own carbide powders. Using precise mixture of cobalt (for impact resistance), titanium (for its anticorrosive properties) and tungsten (for its hardness), different blends are created, which are designed specifically to maximise blade life and material finish.



Among our different blends of grain, we produce extremely fine micrograin carbides (microteQ). Carbide grain size is extremely important when it comes to sharpness as well as the wear life of a cutting edge. The larger the carbide grain, the faster an edge will wear. While standard carbide grains measure as much as 5 microns, our new Micro Grain carbide microteQ is minuscule in comparison at 1 micron maximum.

Our Top Precision and best for Laminate circular saw blades are equipped with in-house produced carbide and microteQ carbide teeth.

### Leader in circular saw blades manufacturing

We employ the most innovative, technologically advanced manufacturing machines and processes in our plant. All crucial production processes are fully automated, such as steel sheets laser cutting, balancing, pretensioning, carbide tip brazing, teeth grinding, coating, cleaning, which guarantees the superior quality of our products.

### Leader in research and development

Our modern development and research centre for cutting tools enables us to continuously further improve and innovate. The new technology of polyurethane (PUR) filled slots for low-noise blades is only one of our innovative solutions.



### Quality Control – Standards

#### Strict controls take place at every production step.

Freud is certified according to quality system ISO 9001:2000 for trading of carbide-tipped saw blades and carbide components. All our circular saw blades are manufactured according to EN-847-1 and DIN 5134.



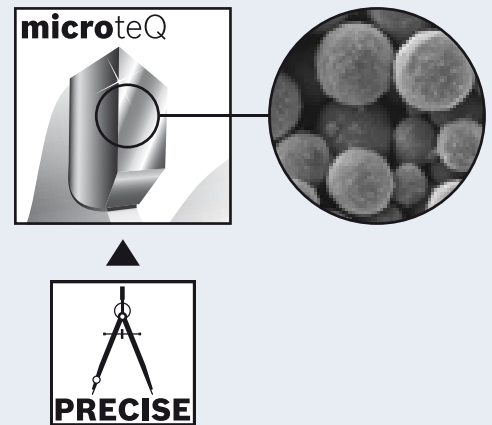
# The sharpest and hardest teeth

## for perfect cuts

### microteQ

We do not stop at making each and every tooth in our own plant, but as the key to perfect carbide is the mixture, we also manufacture our own carbide powders.

- ▶ We produce extremely fine powders in-house, each carbide grain measuring less than 1 micron down to 0.8 microns. This dense, compact carbide reduces abrasion of the cutting edge, therefore significantly improving the quality of the cut and the life of the blade.
- ▶ For each material, whether it is solid wood, composites, or non-ferrous metals and plastics, we have selected the best microteQ blend to offer a tailored solution for each material's properties.
- ▶ The addition of titanium carbide further shields the tooth from chemical attacks from resins and glues contained in wood and woodworking materials.



### Sharpening technique

We grind every tooth to a razor-sharp finish, with a smooth mirror-like shining surface. High-tech machinery, accuracy during production, and the tightest tolerances in combination with very fine grinding wheels ensure perfect cutting edges and guarantee high-precision cuts.



### Benefits

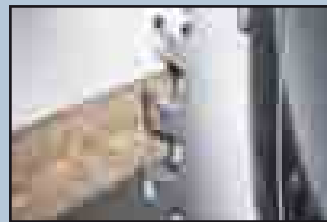
- ▶ precise
- ▶ extra-clean
- ▶ very long life

# Perfect circular saw blade body

## for a very long life

### cleanteQ coating (patent pending)

cleanteQ is a special coating that fully protects the entire saw blade. The cleanteQ coating minimises the build-up or sticking of residues such as resin or sap on the blade and teeth. This prevents friction or heating of the blade. The blade stays cool, which increases the lifetime. In addition, the cleanteQ coating is a highly efficient anticorrosive. All our Top Precision circular saw blade bodies are cleanteQ coated.



#### Benefits

- ▶ extra-clean
- ▶ no corrosion
- ▶ very long life

### stabilteQ. Polyurethane-filled anti-vibration slots (patent pending)

Our laser-cut dampening slots are injection-filled with PUR (polyurethane) using a proprietary technique. The filler kills part of the energy, therefore significantly reducing vibration and noise. This improves cutting quality and lifetime. A unique and patented feature, one of our secrets for the highest blade quality.

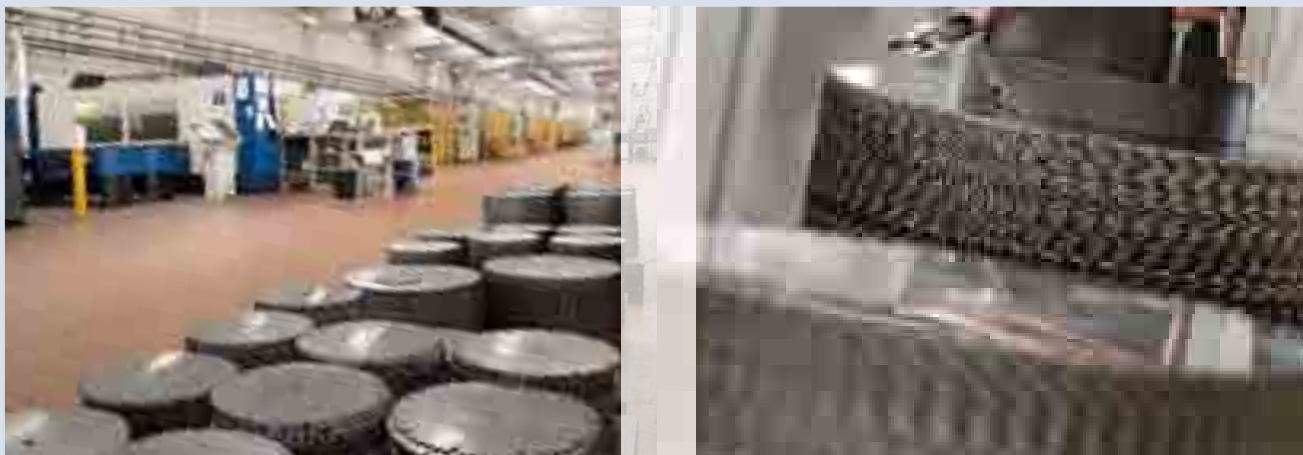


#### Benefits

- ▶ precise
- ▶ quiet

# Perfect circular saw blade body

for a very long life



## Premium steel

Having our steel manufactured by selected expert suppliers only, we maintain a constant superior quality in our saw blade bodies. All our steel is hardened up to HRC 46.

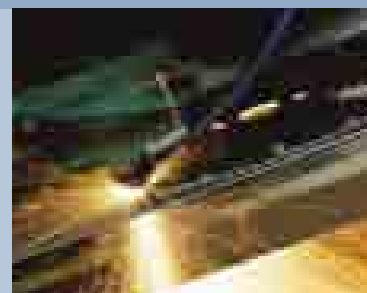


### Benefits

- ▶ precise
- ▶ very long life

## Laser-cut saw blade bodies

All our premium steel plates are exclusively cut by laser to produce the body. Unlike the standard method of die-pressing, laser cutting guarantees higher precision, less stress on the steel and no warping of the blade.



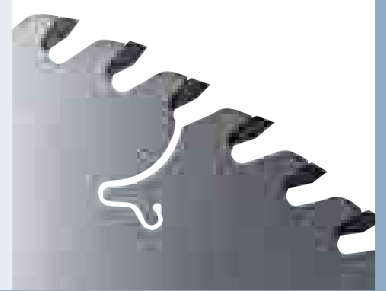
### Benefits

- ▶ precise
- ▶ no warping



### Laser-cut expansion slots

The rotation of standard circular saw blades generates heat, resulting in possible expansion and warping of the blade. The geometry of our laser-cut expansion slots has been engineered to completely prevent harmful stress and warping. The saw blade remains perfectly flat. The special design of the slot ensures reduced noise levels.



Benefits

▶ precise

▶ quiet

### Computer-controlled balancing

Each and every blade is individually balanced through an automatic, computer-controlled process. This ensures an equal distribution of the weights in the blade body, preventing harmful vibration. A non-balanced blade has different weights in its body, which can lead to vibration and less precise cuts.

Benefits

▶ precise

▶ quiet

### Tensioning ring

A specially rolled-in tensioning ring makes for a more rigid saw blade. Thanks to the reduction in vibration, the finish is improved and rip out is prevented. Each blade is individually pretensioned.



Benefits

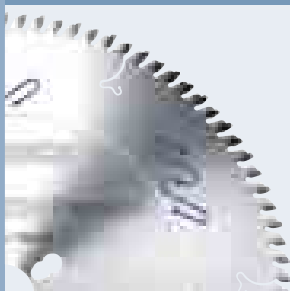
▶ precise

▶ quiet

# For perfect cuts

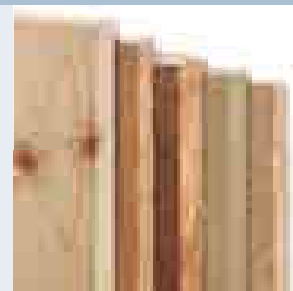
 **TOP Precision**

best  **Wood**



Perfect, clean cuts in all wood materials.

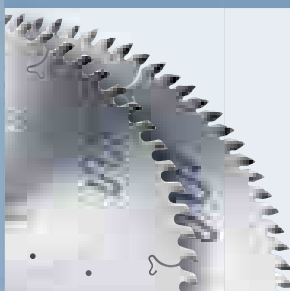
**Ideal for horizontal and vertical panel sizing saws, table saws, mitre saws and sliding mitre saws.**



 **TOP Precision**

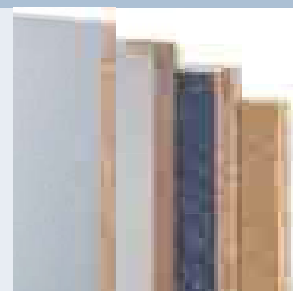
best  **Laminated Panel** abrasive

best  **Laminated Panel** fine



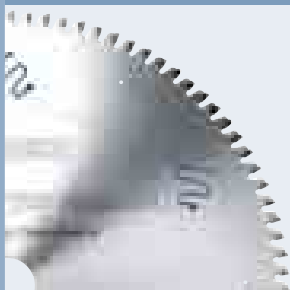
Perfect, clean cuts in panel materials laminated on one or two sides, abrasive panels, and fine-coated or veneered panels.

**Ideal for horizontal and vertical panel sizing saws and table saws.**



 **TOP Precision**

best  **MultiMaterial**



Perfect, clean cuts in composite materials, chipboard, laminated panels, plastics, epoxy, aluminium, non-ferrous metals, brass, copper.

**Ideal for mitre saws and sliding mitre saws.**



## Benefits

- Precision** ▶ Perfect, clean cuts.
- Comfort** ▶ Particularly smooth running, considerably less noise, noticeably reduced vibration.
- Longevity** ▶ The best materials, best designs and our manufacturing expertise ensure a longer product life.

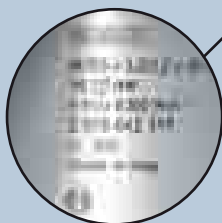
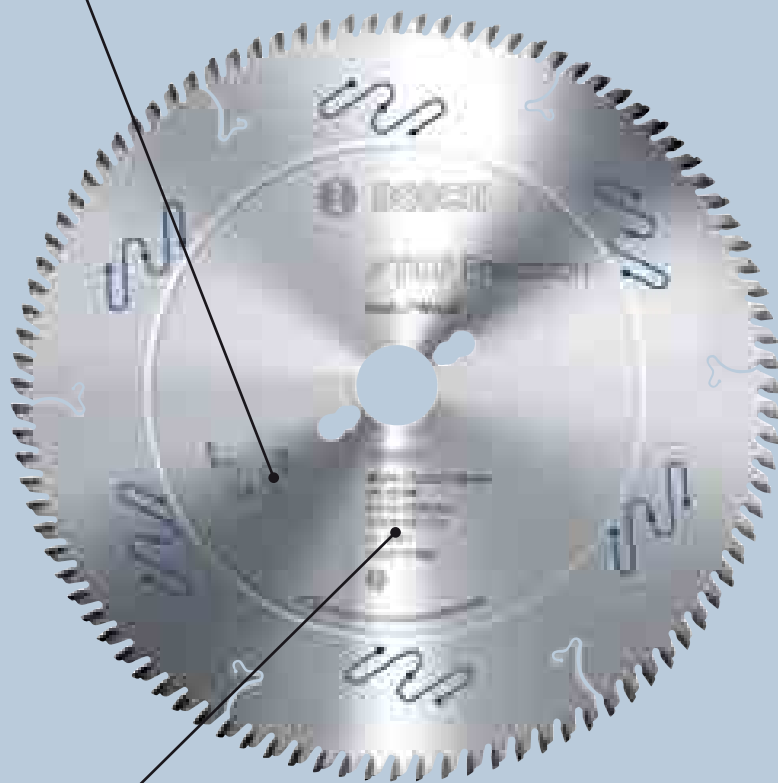
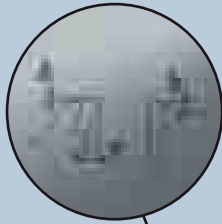
# Permanent product information

## on the circular saw blade

### Resharpener made easy!

All our circular saw blades are laser-marked with:

- ▶ Drawing of the tooth geometry.
- ▶ Information about: hook angle, relief angle, ATB angle or chamfer angles, height difference between the teeth (for HLTCG or DH tooth geometry). This permanently marked information allows professional resharpeners to resharpen safely in accordance with original blade specifications, which will ensure a top cutting result and increase the blade's longevity.



### Permanent marking

Clear and permanent product information on the circular saw blade enables an easy and convenient follow-up purchase. Production place and date laser marking guarantee the permanent traceability of the product.

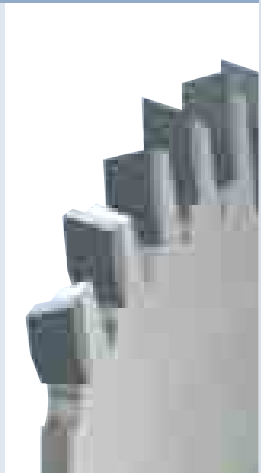
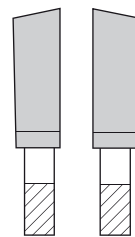
# The perfect tooth

## for every application

### ATB: Alternate Top Bevel tooth

Tooth configuration where the top bevel alternates from right to left.

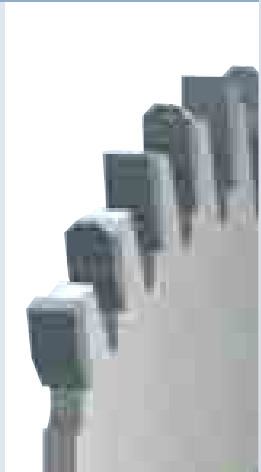
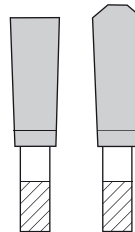
- ▶ Suitable for universal use in soft and hard wood, chipboard, composites, sensitive or fine-coated panel materials, veneered panels, plywood, fibre materials, MDF.
- ▶ Ideal for rip and cross cuts.



### HLTCG: High-Low Triple Chip Grind

Tooth grind where one flat-topped tooth is followed by a trapezoidal tooth that is slightly higher. The higher tooth precuts the material narrower than the final kerf, helping to eliminate chipping in brittle materials.

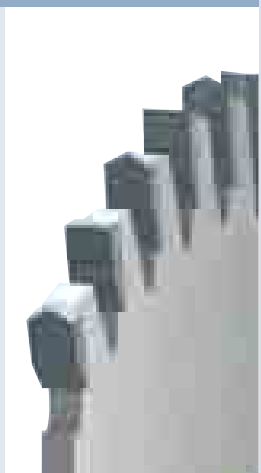
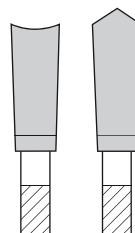
- ▶ Suitable for universal use in profiles and solid materials: chipboard, soft and hard wood, panel materials (coated on one or two sides), plastics, non-ferrous metals, brass, copper.



### DH: Point Hollow Teeth
















Tooth grind where one inverted tooth is followed by a hollow ground tooth.

- ▶ Suitable for panel materials coated on one or two sides. Ideal for cutting laminated panels and very abrasive materials to size without the use of a scoring blade, with a very fine cutting result and longer cutting life.



# The perfect blade

## for every application

		● especially suitable ○ suitable	Top Precision best for Wood	Top Precision best for Laminated Panel abrasive	Top Precision best for Laminated Panel fine	Top Precision best for Multi Material	best for Laminate
Wood materials	 Soft wood, fine cross cut	●					
	 Soft wood, coarse rip and cross cut	●					
	 Wooden beam	○					
	 Hard wood, fine cross cut	●				○	
	 Hard wood, fine cross and rip cut	●					
	 Hard wood, coarse cross and rip cut	●					
Composites	 Chipboard (raw), acoustic panels, lightweight building panels	●	●	●	●		
	 <b>ABRASIVE</b> Abrasive panel materials coated on one or two sides – Hard coating	○		●	○	○	
	 Wood materials, veneered laminate, chipboards	○		○	●	○	
	 Composite material	●				○	
	 Pressed laminated wood, plywood	●					
	 Fibre materials, MDF, OSB/MDF composite panels	●					
	 Laminate flooring	○				○	●
Other materials	 <b>epoxy</b> Plastics, epoxy					●	
	 Non-ferrous metals, aluminium, brass, copper					●	

# Recommendations

## for the optimal cut

### Recommended maximum speed for the saw blade rotation

#### RPM

The maximum permitted RPM of a circular saw blade varies based on the diameter of the blade itself. The maximum RPM stated on the circular saw blade must not be exceeded under any circumstances. If you exceed this limit the saw blade will lose its characteristics, therefore influencing the cutting quality and the lifetime of the blade itself, not to mention the dangers faced by the user who might incur serious injury.

### Revolutions per minute (RPM) recommendation per blade diameter

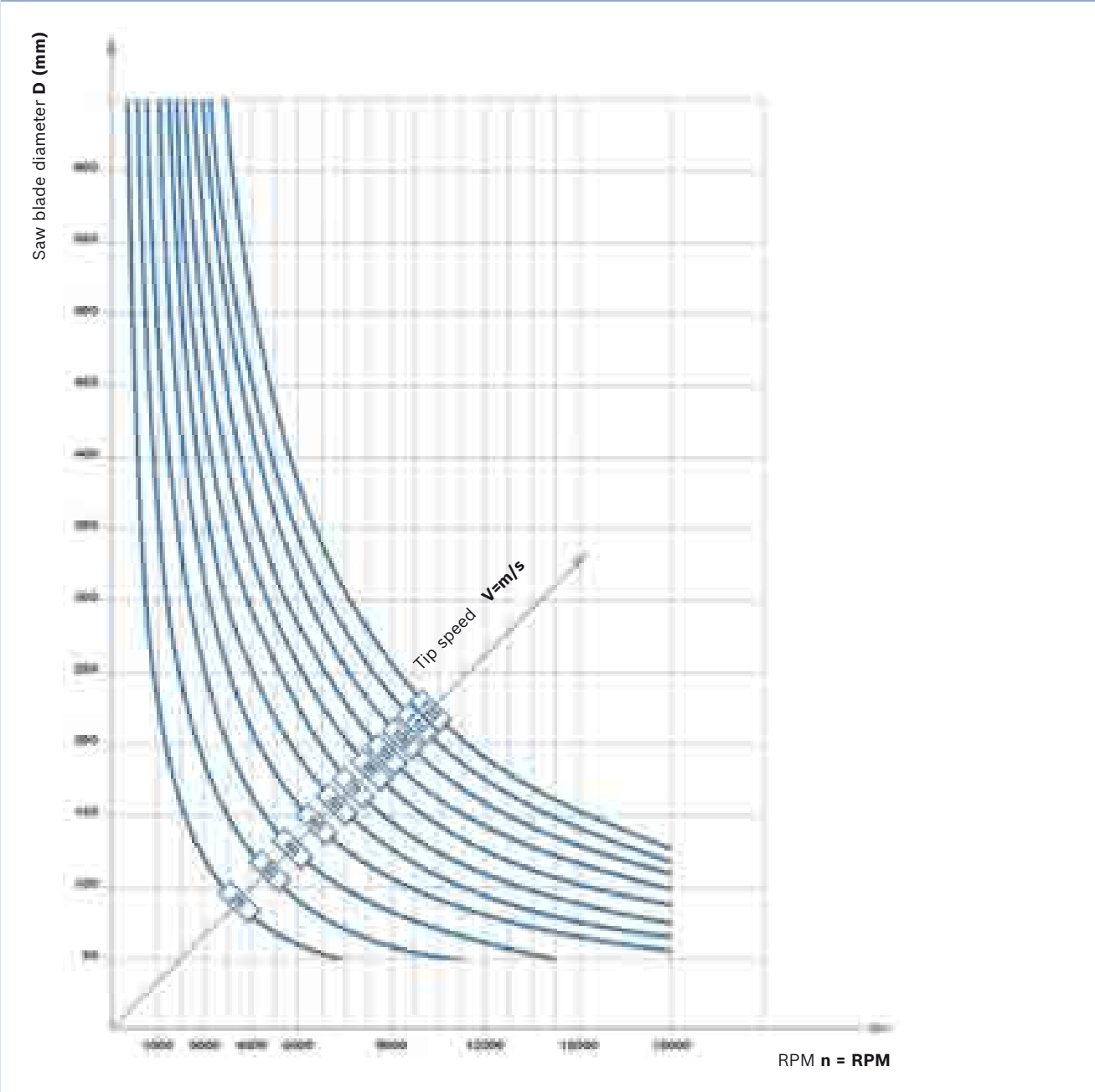
Saw blade diameter	Maximum RPM	Saw blade diameter	Maximum RPM
80 mm	23,800 RPM	300 mm	6,300 RPM
100 mm	19,100 RPM	303 mm	6,300 RPM
120 mm	15,900 RPM	305 mm	6,200 RPM
125 mm	15,200 RPM	315 mm	6,000 RPM
210 mm	9,000 RPM	350 mm	5,400 RPM
216 mm	8,800 RPM	400 mm	4,700 RPM
250 mm	7,600 RPM	450 mm	4,200 RPM
254 mm	7,500 RPM	500 mm	3,800 RPM



**Optimal cutting speed per material**

Softwood	50-90 m/s	Exotic wood	50-85 m/s	Joinery wood	60-80 m/s	Laminated and Bilaminated	40-60 m/s
Hardwood	50-80 m/s	Chipboard wood	60-80 m/s	MDF	30-60 m/s		

**Revolutions per minute recommendations per material**



# Recommendations

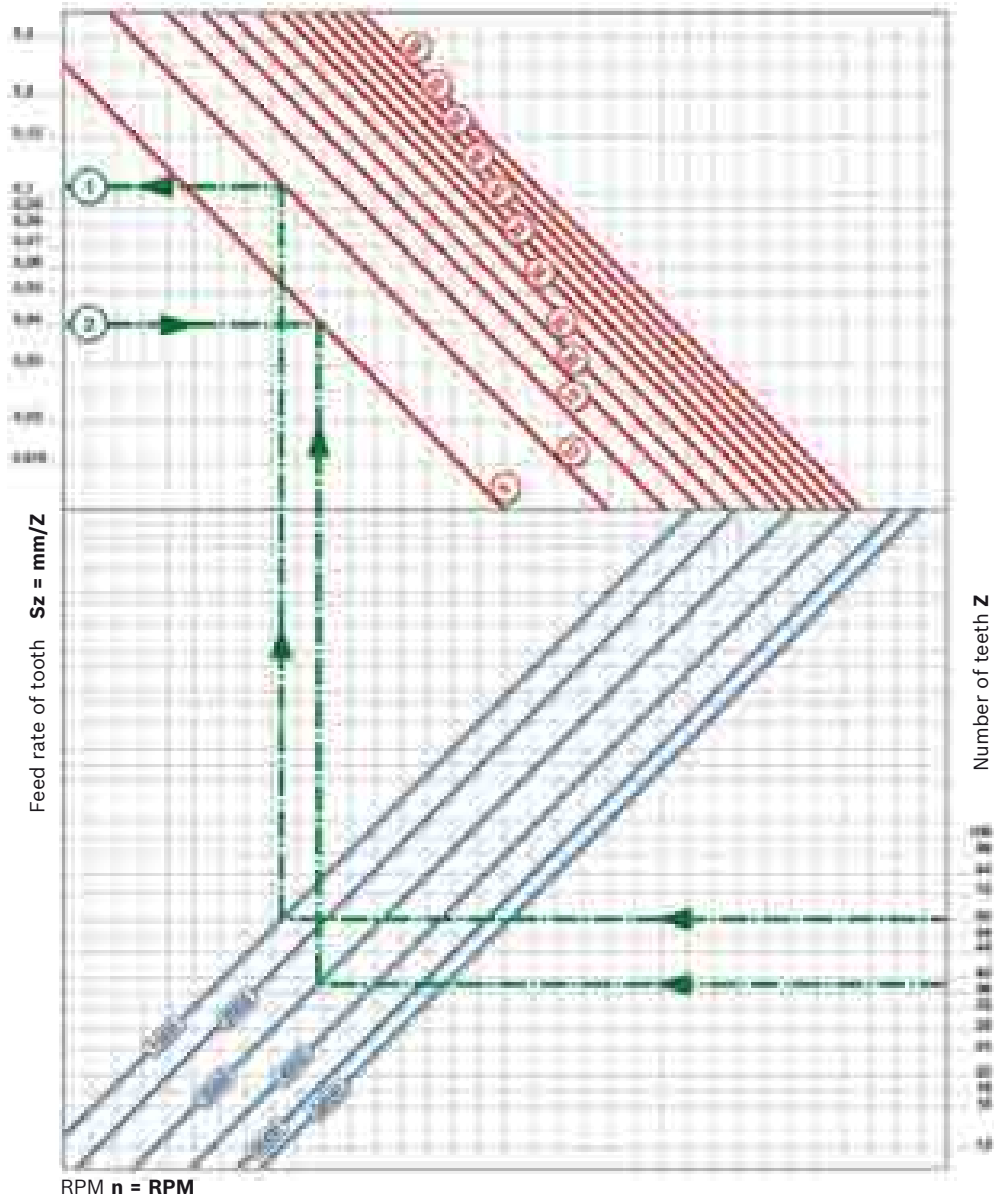
## for the optimal cut

Saw blade's technical table to obtain the correct feed rate of the tooth, the feed rate of the material, the number of teeth and the RPM

Softwood with grain	0.20-0.30	Hardwood	0.06-0.15	Plywood	0.05-0.12	Aluminium and plastic laminated chipboard	0.02-0.05
Softwood across grain	0.10-0.20	Chipboard	0.10-25.0	Laminated panel	0.05-0.10		

### Recommended feed rate of tooth ( $S_z = \text{mm/tooth}$ )

Feed rate of the material  $u = \text{m/min}$



**Example 1**  
 $n = 1,500 \text{ RPM}$   
 $u = 10 \text{ m/min}$   
 $Z = 60$   
 $S_z = 0.11 \text{ mm}$

**Example 2**  
 $n = 3,000 \text{ RPM}$   
 $Z = 40$   
 $S_z = 0.04 \text{ mm}$   
 $u = 5 \text{ m/min}$

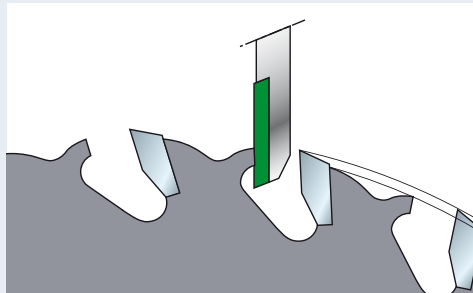
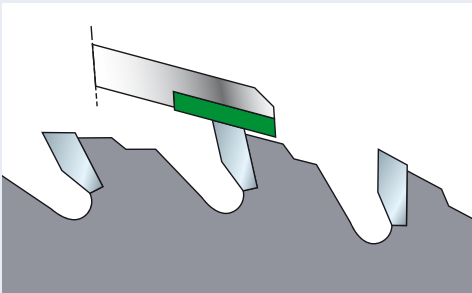
RPM  $n = \text{RPM}$



# Hints and tips

## for optimal use of circular saw blades

### How to extend the life of your circular saw blades



#### Cleaning your blade

- ▶ After lengthy use or if the blade is dirty, remove the blade and clean it with the appropriate solvent, making sure to get rid of built up resin.
- ▶ For the proteQtion-coated best for Laminate blades it is sufficient to use warm water. Never use solvent containing caustic soda.

#### Resharpenering the carbide teeth

- ▶ The blades must be resharpened as soon as they become dull, maintaining the original tooth angles.
- ▶ The blade is dull if
  - ▶ Feed rate has diminished.
  - ▶ Burn marks appear on the material.
  - ▶ Chips are present in the teeth/glued to the teeth.
- ▶ Carbide-tipped circular saw blades must be repaired by a specialist, i.e. a person with the correct equipment, specialised training and experience who has knowledge of design requirements and understands the level of safety to be achieved.

# Hints and tips

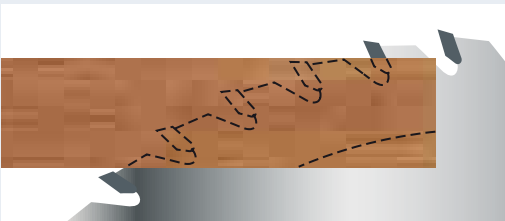
## for optimal cuts

### Saw blade alignment on a table saw



If the saw blade and the saw are not correctly aligned to the table and the fence, then there is the possibility that a serious accident may occur (for example, violent kickbacks) or that the workpiece may scorch or splinter.

### Number of teeth in the material



The number of teeth cutting (teeth cutting the wood simultaneously) must be between 3 and 4. With less than three teeth cutting, the saw blade begins to vibrate, leading to an uneven cut. If you want to cut workpieces with increased thicknesses, but wish to maintain the same diameter saw blade, then use a blade with less teeth. If instead you want to cut workpieces with a reduced thickness, but also maintain the same diameter saw blade, then use a blade with more teeth.

### Mounting your blade on the machine

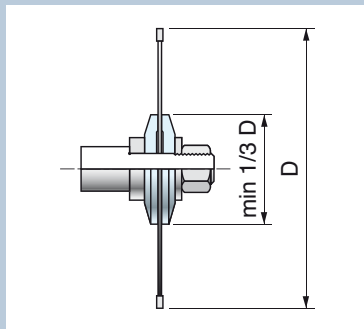


Fig. 1

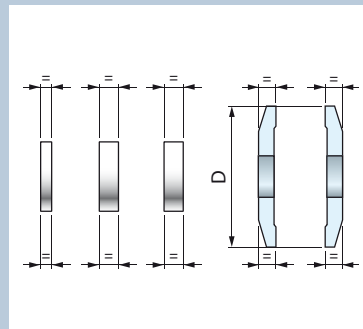


Fig. 2

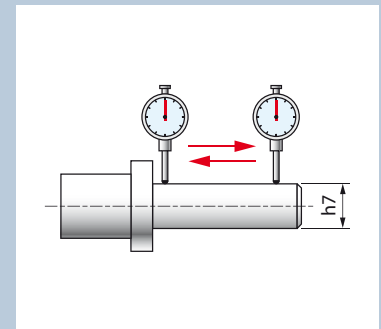


Fig. 3

- ▶ The flanges used to secure the blade must be of the same diameter, but at least a third of the blade's diameter (Fig. 1).
- ▶ The flanges must be parallel to each other. Also check tolerances on diameters, sides and concentricity, by using a clock gauge (Fig. 2).
- ▶ The spacers must be perfectly parallel (Fig. 2).
- ▶ The spindle must be perfectly straight and with an h7 tolerance (Fig. 3).
- ▶ Always keep spacers and flanges clean.
- ▶ The machine must be in good condition and free of vibration.
- ▶ Before starting to cut the material, make sure the blade is correctly locked according to the machine's specifications.

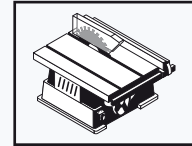


# Machine overview for opt precision



## Mitre Saws

	Outer diameter in mm	Bore in mm		Outer diameter in mm	Bore in mm		Outer diameter in mm	Bore in mm
<b>Atlas Copco</b>						<b>Metallkraft</b>		
MS 3 C	250	30	<b>Festo/Festool</b>			MTS 500	305	30
MS 3 C	254	30	SYM 70 E	216	30	<b>Milwaukee</b>		
<b>Black &amp; Decker</b>			AD 100, AD 85, AE 85, AE 88	250	30	6494-50, 6496-50	250	30
SR 700, BD 800, DN 800, DN 810, SEC 818	210	30	KS 120	260	30	<b>Rexon</b>		
<b>Bosch</b>			<b>Güde</b>			MS 8 RAL, SM 2151 AL, M 2150 AE	216	30
PCM 8ST, PCM 8S	210	30	GKS 1100 P, KT 210	210	30	M 2500 AL, M2503AL	254	30
GCM 8S	216	30	<b>Hitachi</b>			SCM 12 A, MS12RA, SM 3051 AL, M 3051 AL	305	30
GCM 10, GCM 10 S, GCM 10 SD, GKG 24 V, GTS 10, PCM 10	250	30	C 8 U, C 8 FA, PSM 8 A, PSU 8	210	30	<b>RYOBI</b>		
GCM 10, GCM 10 S, GCM 10SD, GKG 24 V, PCM 10T	254	30	C 8 FC, C 8 FS	216	30	EMS 2026SCC, EMS 2025SCL	254	30
GCM 12, GCM 12 SD	305	30	C 10 FCA	250	30	<b>Scheppach</b>		
<b>DeWalt</b>			C 10 FCA	254	30	Capas 1, Capas 2	216	30
DW 700, DW 701, DW 707, DW777	216	30	<b>Holz-Her</b>			KG 260 E, KSE 250, TKG 260 i, TKG 260 E, TKG 280 E	250	30
DW 702, DW 703, DW 710, DW 742, DW 744, DW 743	250	30	2279, 2264, 2555, HK 201	210	30	TKG 305i, TKH, TKU, TS 400, TS 4010, Mitas 7	300	30
DW 704, DW 705, DW 706, DW 708, D27105	305	30	2161, 214101 Sym- stric	216	30	Capas 3, Capas 7	305	30
<b>Einhell</b>			<b>Kress</b>			<b>Stayer</b>		
KGS 210, BT-MS 210	210	30	GST 90	250	30	SLL 250, SCE 1600, SC 270, SC 271, SLL 250 E, SLL 251, SL 251 E	250	30
KGTN 245, KGTN 250	250	30	GST 90	254	30	SLL 250, SCE 1600, SC 270, SC 271, SLL 250 E, SLL 251, SL 251 E	254	30
KGTN 245, KGTN 250, KGS 250	254	30	<b>Makita</b>			<b>Wegoma</b>		
<b>Elu</b>			LS 1013, LS 1030, LS 1040	250	30	TM 43 D, TS 48 D	250	30
PS 174, PS 274, PS 274E, ETS 41	216	30	LS 1013, LS 1030, LS 1040	254	30			
TGS 170, TGS 171, TGS 172, TGS 173, TGS 271, TGS 273	250	30	<b>Metabo, Elektra-Beckum</b>					
PS 374, EMS 705	305	30	GKSE 16705 Signal, KGSE 1670 S	210	30			
			KGS 255, KS 250, KS 304, KGT 250, P 200, PK 200, UK 220 E, UK 220 W	210	30			
			KGS 250, KGS 300, KGT 500, KGT 550, KGS 330, Hobby-master, KGS 301, KGS 303	250	30			
			KS 304	305	30			




**Table Saws**

			<i>Outer diameter in mm</i>			<i>Bore in mm</i>						<i>Outer diameter in mm</i>			<i>Bore in mm</i>						<i>Outer diameter in mm</i>			<i>Bore in mm</i>																																																																																																																																																																																																																																			
<b>Atika</b>									<b>Holz-Her</b>									<b>Rexon</b>																																																																																																																																																																																																																																									
Toptronic	250	30	PKS 1210, PKS 1211, PKS 1212, PKS 1213, PKS 1215, PKS 1220, PKS 275, HKD 85, HKD 275	300	30	BT 2160 A	216	30	BTA 90, HAT 315	315	30	150, 176, 276, HKS 130, HKS 150, HKS 276, HKS 176	350	30	BT 2500 AE	250	30	ABH400, ABK 400	400	30	277, BZK, HKS 155	400	30	BT 2504AE, BT2502AE	250	30	ABH450, ABK 450, ATU	450	30	<b>Lutz</b>			TS 3150 A	315	30	ABH500, ABK 500	500	30	TKS HVH, TKS V, Eurocut	315	30	<b>Scheppach</b>			<b>Avola</b>			BK 450	450	30	TKU, TS 315GT, TS 4010 ci	315	30	LH 315	315	30	<b>Mafell</b>			BSH 500	400	30	ZB400, ZBV400	400	30	Biber, Biberix, FS 85, MKS 105, MKS 105 E, Monika, TFK 85, TFK 8	315	30	BS 500	500	30	ZB450, ZBV450	450	30	AZB, BK 3, BSK 4, BSK 5, BSK 6, TD 3, TDH 4, TDH 425, TK 150, VKS 130, VKS 160, FKB 150, FS 1305, FS 130 (S)	400	30	<b>Ulmia</b>			ZB500, ZBV500	500	30	TDH 450, TDH 5, FSG 200, FSG 240 K	450	30	1610, 1622, 1625, 1710 S, 1710 R, 1711, KS 1	250	30	<b>Bosch</b>			170, BKV 5, TDH 5	500	30	1711, 1712, 1725	300	30	GTS 10, PTS 10, PTS 10T	250	30	<b>Metabo, Elektra-Beckum</b>			1711, 1712, 1712 RT, 1712R	350	30	PTS 10, PTS 10T, GTS 10	254	30	TK 1685 Magnum, TK 1685, TKU 1633, TKU 1693, TS 250	250	30	<b>Variolux</b>			GTM 12	305	30	TK 1685, TK 1685 Magnum, TK 1688 (D)(Magnum)	300	30	OKS 315	315	30	<b>DeWalt</b>			TK 1685, TK 1685 Magnum, TK 1688 Magnum, TKHS 315, TKHS 315 C	315	30	<b>Wegoma</b>			DW 744, DW 746, DW 745, DW745RS, DW744XPRS	250	30	BKS 400	400	30	TM 43 D, TS 48 D	250	30	<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30						
BTA 90, HAT 315	315	30	150, 176, 276, HKS 130, HKS 150, HKS 276, HKS 176	350	30	BT 2500 AE	250	30	ABH400, ABK 400	400	30	277, BZK, HKS 155	400	30	BT 2504AE, BT2502AE	250	30	ABH450, ABK 450, ATU	450	30	<b>Lutz</b>			TS 3150 A	315	30	ABH500, ABK 500	500	30	TKS HVH, TKS V, Eurocut	315	30	<b>Scheppach</b>			<b>Avola</b>			BK 450	450	30	TKU, TS 315GT, TS 4010 ci	315	30	LH 315	315	30	<b>Mafell</b>			BSH 500	400	30	ZB400, ZBV400	400	30	Biber, Biberix, FS 85, MKS 105, MKS 105 E, Monika, TFK 85, TFK 8	315	30	BS 500	500	30	ZB450, ZBV450	450	30	AZB, BK 3, BSK 4, BSK 5, BSK 6, TD 3, TDH 4, TDH 425, TK 150, VKS 130, VKS 160, FKB 150, FS 1305, FS 130 (S)	400	30	<b>Ulmia</b>			ZB500, ZBV500	500	30	TDH 450, TDH 5, FSG 200, FSG 240 K	450	30	1610, 1622, 1625, 1710 S, 1710 R, 1711, KS 1	250	30	<b>Bosch</b>			170, BKV 5, TDH 5	500	30	1711, 1712, 1725	300	30	GTS 10, PTS 10, PTS 10T	250	30	<b>Metabo, Elektra-Beckum</b>			1711, 1712, 1712 RT, 1712R	350	30	PTS 10, PTS 10T, GTS 10	254	30	TK 1685 Magnum, TK 1685, TKU 1633, TKU 1693, TS 250	250	30	<b>Variolux</b>			GTM 12	305	30	TK 1685, TK 1685 Magnum, TK 1688 (D)(Magnum)	300	30	OKS 315	315	30	<b>DeWalt</b>			TK 1685, TK 1685 Magnum, TK 1688 Magnum, TKHS 315, TKHS 315 C	315	30	<b>Wegoma</b>			DW 744, DW 746, DW 745, DW745RS, DW744XPRS	250	30	BKS 400	400	30	TM 43 D, TS 48 D	250	30	<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30															
ABH400, ABK 400	400	30	277, BZK, HKS 155	400	30	BT 2504AE, BT2502AE	250	30	ABH450, ABK 450, ATU	450	30	<b>Lutz</b>			TS 3150 A	315	30	ABH500, ABK 500	500	30	TKS HVH, TKS V, Eurocut	315	30	<b>Scheppach</b>			<b>Avola</b>			BK 450	450	30	TKU, TS 315GT, TS 4010 ci	315	30	LH 315	315	30	<b>Mafell</b>			BSH 500	400	30	ZB400, ZBV400	400	30	Biber, Biberix, FS 85, MKS 105, MKS 105 E, Monika, TFK 85, TFK 8	315	30	BS 500	500	30	ZB450, ZBV450	450	30	AZB, BK 3, BSK 4, BSK 5, BSK 6, TD 3, TDH 4, TDH 425, TK 150, VKS 130, VKS 160, FKB 150, FS 1305, FS 130 (S)	400	30	<b>Ulmia</b>			ZB500, ZBV500	500	30	TDH 450, TDH 5, FSG 200, FSG 240 K	450	30	1610, 1622, 1625, 1710 S, 1710 R, 1711, KS 1	250	30	<b>Bosch</b>			170, BKV 5, TDH 5	500	30	1711, 1712, 1725	300	30	GTS 10, PTS 10, PTS 10T	250	30	<b>Metabo, Elektra-Beckum</b>			1711, 1712, 1712 RT, 1712R	350	30	PTS 10, PTS 10T, GTS 10	254	30	TK 1685 Magnum, TK 1685, TKU 1633, TKU 1693, TS 250	250	30	<b>Variolux</b>			GTM 12	305	30	TK 1685, TK 1685 Magnum, TK 1688 (D)(Magnum)	300	30	OKS 315	315	30	<b>DeWalt</b>			TK 1685, TK 1685 Magnum, TK 1688 Magnum, TKHS 315, TKHS 315 C	315	30	<b>Wegoma</b>			DW 744, DW 746, DW 745, DW745RS, DW744XPRS	250	30	BKS 400	400	30	TM 43 D, TS 48 D	250	30	<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																								
ABH450, ABK 450, ATU	450	30	<b>Lutz</b>			TS 3150 A	315	30	ABH500, ABK 500	500	30	TKS HVH, TKS V, Eurocut	315	30	<b>Scheppach</b>			<b>Avola</b>			BK 450	450	30	TKU, TS 315GT, TS 4010 ci	315	30	LH 315	315	30	<b>Mafell</b>			BSH 500	400	30	ZB400, ZBV400	400	30	Biber, Biberix, FS 85, MKS 105, MKS 105 E, Monika, TFK 85, TFK 8	315	30	BS 500	500	30	ZB450, ZBV450	450	30	AZB, BK 3, BSK 4, BSK 5, BSK 6, TD 3, TDH 4, TDH 425, TK 150, VKS 130, VKS 160, FKB 150, FS 1305, FS 130 (S)	400	30	<b>Ulmia</b>			ZB500, ZBV500	500	30	TDH 450, TDH 5, FSG 200, FSG 240 K	450	30	1610, 1622, 1625, 1710 S, 1710 R, 1711, KS 1	250	30	<b>Bosch</b>			170, BKV 5, TDH 5	500	30	1711, 1712, 1725	300	30	GTS 10, PTS 10, PTS 10T	250	30	<b>Metabo, Elektra-Beckum</b>			1711, 1712, 1712 RT, 1712R	350	30	PTS 10, PTS 10T, GTS 10	254	30	TK 1685 Magnum, TK 1685, TKU 1633, TKU 1693, TS 250	250	30	<b>Variolux</b>			GTM 12	305	30	TK 1685, TK 1685 Magnum, TK 1688 (D)(Magnum)	300	30	OKS 315	315	30	<b>DeWalt</b>			TK 1685, TK 1685 Magnum, TK 1688 Magnum, TKHS 315, TKHS 315 C	315	30	<b>Wegoma</b>			DW 744, DW 746, DW 745, DW745RS, DW744XPRS	250	30	BKS 400	400	30	TM 43 D, TS 48 D	250	30	<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																	
ABH500, ABK 500	500	30	TKS HVH, TKS V, Eurocut	315	30	<b>Scheppach</b>			<b>Avola</b>			BK 450	450	30	TKU, TS 315GT, TS 4010 ci	315	30	LH 315	315	30	<b>Mafell</b>			BSH 500	400	30	ZB400, ZBV400	400	30	Biber, Biberix, FS 85, MKS 105, MKS 105 E, Monika, TFK 85, TFK 8	315	30	BS 500	500	30	ZB450, ZBV450	450	30	AZB, BK 3, BSK 4, BSK 5, BSK 6, TD 3, TDH 4, TDH 425, TK 150, VKS 130, VKS 160, FKB 150, FS 1305, FS 130 (S)	400	30	<b>Ulmia</b>			ZB500, ZBV500	500	30	TDH 450, TDH 5, FSG 200, FSG 240 K	450	30	1610, 1622, 1625, 1710 S, 1710 R, 1711, KS 1	250	30	<b>Bosch</b>			170, BKV 5, TDH 5	500	30	1711, 1712, 1725	300	30	GTS 10, PTS 10, PTS 10T	250	30	<b>Metabo, Elektra-Beckum</b>			1711, 1712, 1712 RT, 1712R	350	30	PTS 10, PTS 10T, GTS 10	254	30	TK 1685 Magnum, TK 1685, TKU 1633, TKU 1693, TS 250	250	30	<b>Variolux</b>			GTM 12	305	30	TK 1685, TK 1685 Magnum, TK 1688 (D)(Magnum)	300	30	OKS 315	315	30	<b>DeWalt</b>			TK 1685, TK 1685 Magnum, TK 1688 Magnum, TKHS 315, TKHS 315 C	315	30	<b>Wegoma</b>			DW 744, DW 746, DW 745, DW745RS, DW744XPRS	250	30	BKS 400	400	30	TM 43 D, TS 48 D	250	30	<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																										
<b>Avola</b>			BK 450	450	30	TKU, TS 315GT, TS 4010 ci	315	30	LH 315	315	30	<b>Mafell</b>			BSH 500	400	30	ZB400, ZBV400	400	30	Biber, Biberix, FS 85, MKS 105, MKS 105 E, Monika, TFK 85, TFK 8	315	30	BS 500	500	30	ZB450, ZBV450	450	30	AZB, BK 3, BSK 4, BSK 5, BSK 6, TD 3, TDH 4, TDH 425, TK 150, VKS 130, VKS 160, FKB 150, FS 1305, FS 130 (S)	400	30	<b>Ulmia</b>			ZB500, ZBV500	500	30	TDH 450, TDH 5, FSG 200, FSG 240 K	450	30	1610, 1622, 1625, 1710 S, 1710 R, 1711, KS 1	250	30	<b>Bosch</b>			170, BKV 5, TDH 5	500	30	1711, 1712, 1725	300	30	GTS 10, PTS 10, PTS 10T	250	30	<b>Metabo, Elektra-Beckum</b>			1711, 1712, 1712 RT, 1712R	350	30	PTS 10, PTS 10T, GTS 10	254	30	TK 1685 Magnum, TK 1685, TKU 1633, TKU 1693, TS 250	250	30	<b>Variolux</b>			GTM 12	305	30	TK 1685, TK 1685 Magnum, TK 1688 (D)(Magnum)	300	30	OKS 315	315	30	<b>DeWalt</b>			TK 1685, TK 1685 Magnum, TK 1688 Magnum, TKHS 315, TKHS 315 C	315	30	<b>Wegoma</b>			DW 744, DW 746, DW 745, DW745RS, DW744XPRS	250	30	BKS 400	400	30	TM 43 D, TS 48 D	250	30	<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																																			
LH 315	315	30	<b>Mafell</b>			BSH 500	400	30	ZB400, ZBV400	400	30	Biber, Biberix, FS 85, MKS 105, MKS 105 E, Monika, TFK 85, TFK 8	315	30	BS 500	500	30	ZB450, ZBV450	450	30	AZB, BK 3, BSK 4, BSK 5, BSK 6, TD 3, TDH 4, TDH 425, TK 150, VKS 130, VKS 160, FKB 150, FS 1305, FS 130 (S)	400	30	<b>Ulmia</b>			ZB500, ZBV500	500	30	TDH 450, TDH 5, FSG 200, FSG 240 K	450	30	1610, 1622, 1625, 1710 S, 1710 R, 1711, KS 1	250	30	<b>Bosch</b>			170, BKV 5, TDH 5	500	30	1711, 1712, 1725	300	30	GTS 10, PTS 10, PTS 10T	250	30	<b>Metabo, Elektra-Beckum</b>			1711, 1712, 1712 RT, 1712R	350	30	PTS 10, PTS 10T, GTS 10	254	30	TK 1685 Magnum, TK 1685, TKU 1633, TKU 1693, TS 250	250	30	<b>Variolux</b>			GTM 12	305	30	TK 1685, TK 1685 Magnum, TK 1688 (D)(Magnum)	300	30	OKS 315	315	30	<b>DeWalt</b>			TK 1685, TK 1685 Magnum, TK 1688 Magnum, TKHS 315, TKHS 315 C	315	30	<b>Wegoma</b>			DW 744, DW 746, DW 745, DW745RS, DW744XPRS	250	30	BKS 400	400	30	TM 43 D, TS 48 D	250	30	<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																																												
ZB400, ZBV400	400	30	Biber, Biberix, FS 85, MKS 105, MKS 105 E, Monika, TFK 85, TFK 8	315	30	BS 500	500	30	ZB450, ZBV450	450	30	AZB, BK 3, BSK 4, BSK 5, BSK 6, TD 3, TDH 4, TDH 425, TK 150, VKS 130, VKS 160, FKB 150, FS 1305, FS 130 (S)	400	30	<b>Ulmia</b>			ZB500, ZBV500	500	30	TDH 450, TDH 5, FSG 200, FSG 240 K	450	30	1610, 1622, 1625, 1710 S, 1710 R, 1711, KS 1	250	30	<b>Bosch</b>			170, BKV 5, TDH 5	500	30	1711, 1712, 1725	300	30	GTS 10, PTS 10, PTS 10T	250	30	<b>Metabo, Elektra-Beckum</b>			1711, 1712, 1712 RT, 1712R	350	30	PTS 10, PTS 10T, GTS 10	254	30	TK 1685 Magnum, TK 1685, TKU 1633, TKU 1693, TS 250	250	30	<b>Variolux</b>			GTM 12	305	30	TK 1685, TK 1685 Magnum, TK 1688 (D)(Magnum)	300	30	OKS 315	315	30	<b>DeWalt</b>			TK 1685, TK 1685 Magnum, TK 1688 Magnum, TKHS 315, TKHS 315 C	315	30	<b>Wegoma</b>			DW 744, DW 746, DW 745, DW745RS, DW744XPRS	250	30	BKS 400	400	30	TM 43 D, TS 48 D	250	30	<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																																																					
ZB450, ZBV450	450	30	AZB, BK 3, BSK 4, BSK 5, BSK 6, TD 3, TDH 4, TDH 425, TK 150, VKS 130, VKS 160, FKB 150, FS 1305, FS 130 (S)	400	30	<b>Ulmia</b>			ZB500, ZBV500	500	30	TDH 450, TDH 5, FSG 200, FSG 240 K	450	30	1610, 1622, 1625, 1710 S, 1710 R, 1711, KS 1	250	30	<b>Bosch</b>			170, BKV 5, TDH 5	500	30	1711, 1712, 1725	300	30	GTS 10, PTS 10, PTS 10T	250	30	<b>Metabo, Elektra-Beckum</b>			1711, 1712, 1712 RT, 1712R	350	30	PTS 10, PTS 10T, GTS 10	254	30	TK 1685 Magnum, TK 1685, TKU 1633, TKU 1693, TS 250	250	30	<b>Variolux</b>			GTM 12	305	30	TK 1685, TK 1685 Magnum, TK 1688 (D)(Magnum)	300	30	OKS 315	315	30	<b>DeWalt</b>			TK 1685, TK 1685 Magnum, TK 1688 Magnum, TKHS 315, TKHS 315 C	315	30	<b>Wegoma</b>			DW 744, DW 746, DW 745, DW745RS, DW744XPRS	250	30	BKS 400	400	30	TM 43 D, TS 48 D	250	30	<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																																																														
ZB500, ZBV500	500	30	TDH 450, TDH 5, FSG 200, FSG 240 K	450	30	1610, 1622, 1625, 1710 S, 1710 R, 1711, KS 1	250	30	<b>Bosch</b>			170, BKV 5, TDH 5	500	30	1711, 1712, 1725	300	30	GTS 10, PTS 10, PTS 10T	250	30	<b>Metabo, Elektra-Beckum</b>			1711, 1712, 1712 RT, 1712R	350	30	PTS 10, PTS 10T, GTS 10	254	30	TK 1685 Magnum, TK 1685, TKU 1633, TKU 1693, TS 250	250	30	<b>Variolux</b>			GTM 12	305	30	TK 1685, TK 1685 Magnum, TK 1688 (D)(Magnum)	300	30	OKS 315	315	30	<b>DeWalt</b>			TK 1685, TK 1685 Magnum, TK 1688 Magnum, TKHS 315, TKHS 315 C	315	30	<b>Wegoma</b>			DW 744, DW 746, DW 745, DW745RS, DW744XPRS	250	30	BKS 400	400	30	TM 43 D, TS 48 D	250	30	<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																																																																							
<b>Bosch</b>			170, BKV 5, TDH 5	500	30	1711, 1712, 1725	300	30	GTS 10, PTS 10, PTS 10T	250	30	<b>Metabo, Elektra-Beckum</b>			1711, 1712, 1712 RT, 1712R	350	30	PTS 10, PTS 10T, GTS 10	254	30	TK 1685 Magnum, TK 1685, TKU 1633, TKU 1693, TS 250	250	30	<b>Variolux</b>			GTM 12	305	30	TK 1685, TK 1685 Magnum, TK 1688 (D)(Magnum)	300	30	OKS 315	315	30	<b>DeWalt</b>			TK 1685, TK 1685 Magnum, TK 1688 Magnum, TKHS 315, TKHS 315 C	315	30	<b>Wegoma</b>			DW 744, DW 746, DW 745, DW745RS, DW744XPRS	250	30	BKS 400	400	30	TM 43 D, TS 48 D	250	30	<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																																																																																
GTS 10, PTS 10, PTS 10T	250	30	<b>Metabo, Elektra-Beckum</b>			1711, 1712, 1712 RT, 1712R	350	30	PTS 10, PTS 10T, GTS 10	254	30	TK 1685 Magnum, TK 1685, TKU 1633, TKU 1693, TS 250	250	30	<b>Variolux</b>			GTM 12	305	30	TK 1685, TK 1685 Magnum, TK 1688 (D)(Magnum)	300	30	OKS 315	315	30	<b>DeWalt</b>			TK 1685, TK 1685 Magnum, TK 1688 Magnum, TKHS 315, TKHS 315 C	315	30	<b>Wegoma</b>			DW 744, DW 746, DW 745, DW745RS, DW744XPRS	250	30	BKS 400	400	30	TM 43 D, TS 48 D	250	30	<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																																																																																									
PTS 10, PTS 10T, GTS 10	254	30	TK 1685 Magnum, TK 1685, TKU 1633, TKU 1693, TS 250	250	30	<b>Variolux</b>			GTM 12	305	30	TK 1685, TK 1685 Magnum, TK 1688 (D)(Magnum)	300	30	OKS 315	315	30	<b>DeWalt</b>			TK 1685, TK 1685 Magnum, TK 1688 Magnum, TKHS 315, TKHS 315 C	315	30	<b>Wegoma</b>			DW 744, DW 746, DW 745, DW745RS, DW744XPRS	250	30	BKS 400	400	30	TM 43 D, TS 48 D	250	30	<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																																																																																																		
GTM 12	305	30	TK 1685, TK 1685 Magnum, TK 1688 (D)(Magnum)	300	30	OKS 315	315	30	<b>DeWalt</b>			TK 1685, TK 1685 Magnum, TK 1688 Magnum, TKHS 315, TKHS 315 C	315	30	<b>Wegoma</b>			DW 744, DW 746, DW 745, DW745RS, DW744XPRS	250	30	BKS 400	400	30	TM 43 D, TS 48 D	250	30	<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																																																																																																											
<b>DeWalt</b>			TK 1685, TK 1685 Magnum, TK 1688 Magnum, TKHS 315, TKHS 315 C	315	30	<b>Wegoma</b>			DW 744, DW 746, DW 745, DW745RS, DW744XPRS	250	30	BKS 400	400	30	TM 43 D, TS 48 D	250	30	<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																																																																																																																				
DW 744, DW 746, DW 745, DW745RS, DW744XPRS	250	30	BKS 400	400	30	TM 43 D, TS 48 D	250	30	<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																																																																																																																													
<b>Einhell</b>			BKS 450, BKH 450	450	30	TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30	BKS 315	315	30				S 5 D	350	30	<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																																																																																																																																						
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<b>Ferm</b>						TKS 400 M, TKS 400 A	400	30	FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																																																																																																																																																								
FZT 250	250	30							<b>Festo/Festool</b>									AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																																																																																																																																																																	
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AXP 130, AXP 132 E, BD 125	350	30							BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																																																																																																																																																																																			
BD 145, BD 145/1	400	30							BD 170	450	30							<b>Hanning</b>									HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30							<b>Hitachi</b>									PSU 13	315	30																																																																																																																																																																																																												
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# Machine overview for **opt** precision

## Scoring Blades for Panel Sizing Saws

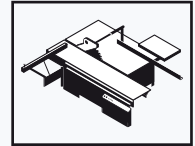


	Outer diameter in mm	Bore in mm
<b>Altendorf</b>		
WA 8	120	22
<b>Griggio</b>		
SC 32/350	100	20
SC 32/300, SC 1400	120	20
UNICA 500	125	20
<b>Paoloni</b>		
S100, S150, S200, S260, S300, P350NX, P350SX, P350AX	120	20
P315, P45, P3200NX, P3200SX, P3200AX, P450NX, P450SX, P450AX	125	20
<b>Robland</b>		
NLX-310, E-300, NZ-3200, NLX-TZ	125	20
<b>SCM</b>		
SI300 S NOVA, SI300 NOVA, SI400 NOVA, SI400 E NOVA, SI400 EP NOVA	120	20

## Panel Sizing Saws



	Outer diameter in mm	Bore in mm
<b>Altendorf</b>		
WA 8, WA 80, F45/F45 ELMO	250	30
WA 8, WA 80, F45/F45 ELMO	300	30
WA 8, WA 80, F45/F45 ELMO, WA 6	315	30
WA 8, WA 80, F45/F45 ELMO, WA 6	350	30
WA 8, WA 80, F45/F45 ELMO	400	30
F45/F45 ELMO	450	30
F45/F45 ELMO	500	30
<b>Felder</b>		
KF 700 Professional	250	30
Kappa 30, Kappa 40, Kappa 40 X-Motion	400	30



**Panel Sizing Saws**

	Outer diameter in mm	Bore in mm		Outer diameter in mm	Bore in mm		Outer diameter in mm	Bore in mm
<b>Griggio</b>			<b>JET</b>			<b>Paoloni</b>		
CA 400 DIGIT, CA 400 E, CA 400, CA40, UNICA 500 E	250	30	JTS-600, JTSS-700, JTS-700L	250	30	S100, S150, S200, S260, S300	300	30
SC 32/300, SC 1400, CA 400 DIGIT, CA 400 E, CA 400, CA40, UNICA 500 E	300	30	JTSS-1500, JTSS-1700, JTSS-2500, JTSS-3200	315	30	P315	315	30
SC 32/350, CA 400 DIGIT, CA 400 E, CA 400, CA40, UNICA 500 E	350	30	<b>Lutz</b>			P350NX, P350SX, P350AX	350	30
CA 400 DIGIT, CA 400 E, CA 400, CA40, UNICA 500 E	400	30	JUMBO plus	315	30	P450NX, P450SX, P450AX	450	30
CA 400 DIGIT, CA 400 E, CA 400, CA40, UNICA 500 E	450	30	<b>Martin</b>			P3200NX, P3200SX, P3200AX	450	30
UNICA 500 E	500	30	T60 Basic	250-315	30	<b>Robland</b>		
<b>Guilliet/Chambon</b>			T60 Classic	250-400	30	NLX-310, NLX-TZ	300	30
Verti 1850, Verti 2150	250	30	T60 PreXision	300-315	30	NX-310, NX-Z, NX-TZ, E-300, EZ-2500	315	30
CoupeS, CoupeC	400	30	T74 Classic, T74 Automatic	250-500	30	Z-3200	400	30
CoupeMAX, Coupe-MASSIF	500	30	<b>Panhans</b>			<b>SCM</b>		
			PS32	350-400	30	SI300 S NOVA, SI300 NOVA	315	30
			690-B Easy4mat, 690-B Electronic III plus	450	30	SI400 NOVA, SI400 E NOVA, SI400 EP NOVA	400	30
						<b>Sicar</b>		
						TS 250	300	30
						<b>Striebig</b>		
						Compact	250	30
						Standard / Evolution / Control	300	30
						<b>Ulmia</b>		
						KS 300	315	30

## For professional woodworkers: Top performance

best  Wood

At Bosch, thanks to our close cooperation with our users, we know that whatever the speciality of a professional woodworker, top results in terms of precision of cuts and blade longevity are a must expected from a circular saw blade.

State-of-the-art manufacturing, specially selected materials and optimised designs will not only deliver the best performance through high quality of cut and lifetime in all woods, but also offer you particularly smooth running, considerably less noise and noticeably reduced vibration.

“best for Wood” saw blades are ideal for rip or cross cuts.

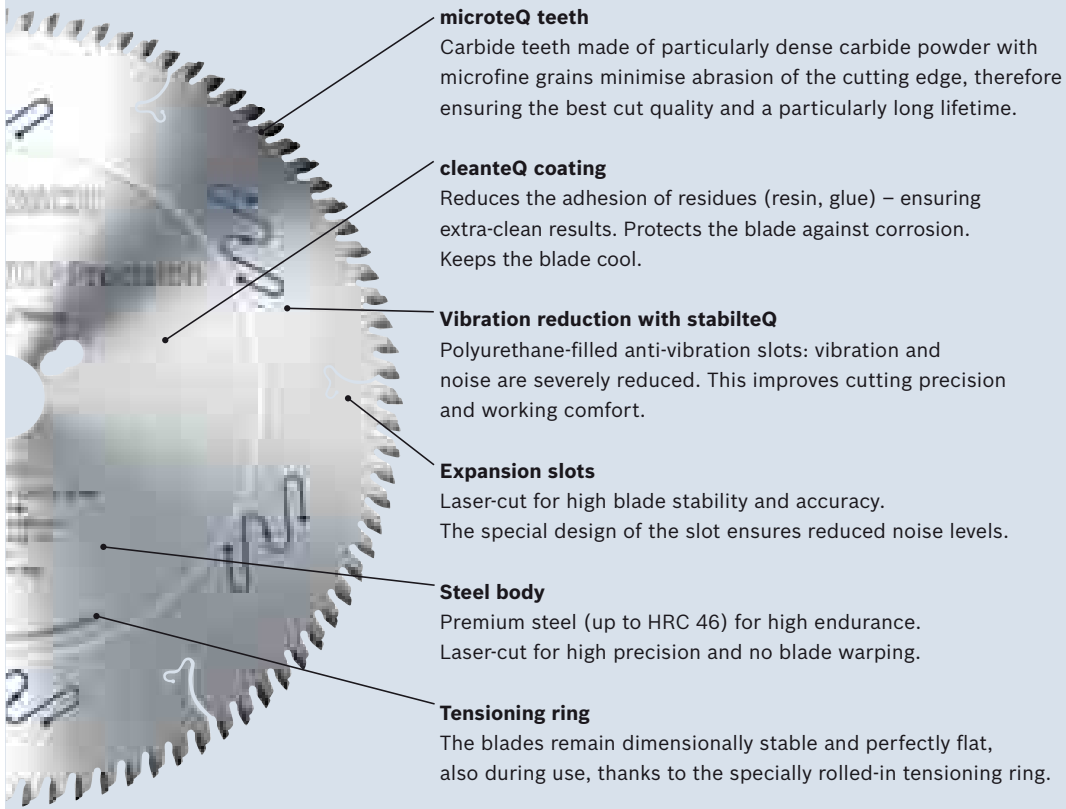
**Available for horizontal or vertical panel sizing saws, table saws, mitre saws and sliding mitre saws.**

 **TOP Precision**





best  Wood



**microteQ teeth**  
Carbide teeth made of particularly dense carbide powder with microfine grains minimise abrasion of the cutting edge, therefore ensuring the best cut quality and a particularly long lifetime.

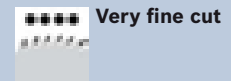
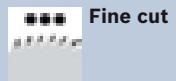
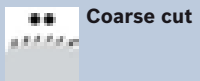
**cleanteQ coating**  
Reduces the adhesion of residues (resin, glue) – ensuring extra-clean results. Protects the blade against corrosion. Keeps the blade cool.

**Vibration reduction with stabilteQ**  
Polyurethane-filled anti-vibration slots: vibration and noise are severely reduced. This improves cutting precision and working comfort.

**Expansion slots**  
Laser-cut for high blade stability and accuracy. The special design of the slot ensures reduced noise levels.

**Steel body**  
Premium steel (up to HRC 46) for high endurance. Laser-cut for high precision and no blade warping.

**Tensioning ring**  
The blades remain dimensionally stable and perfectly flat, also during use, thanks to the specially rolled-in tensioning ring.

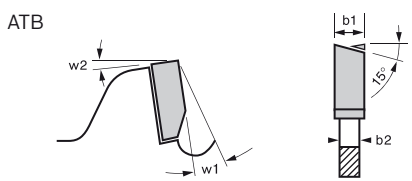
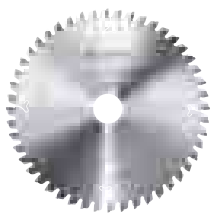


**Circular saw blades for mitre saws and sliding mitre saws**

► For precise, clean and quiet cuts in all types of wood.

 TOP Precision

best  Wood



w1: hook angle  
w2: relief angle  
b1: width of cut  
b2: base blade thickness

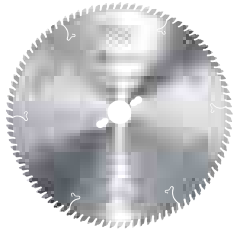
Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	NL/diameter TKS	Hook angle ° w1	Relief angle ° w2	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>Product properties</b>									<b>Ordering information</b>				
210	30	2.3/1.8	48	ATB	●●	-	-5	15	<b>2 608 642 100</b>	C1c	1	1	574402
216	30	2.3/1.8	48	ATB	●●	-	-5	15	<b>2 608 642 101</b>	C1c	1	1	574419
254	30	2.3/1.8	60	ATB	●●●	-	-5	15	<b>2 608 642 102</b>	C1c	1	1	574426
305	30	2.3/1.8	72	ATB	●●●	-	-5	15	<b>2 608 642 103</b>	C1c	1	1	574433

Order quantity for a part number in pieces = Sales package quantity x despatch package quantity  
Order quantities must match the specified increments of the despatch package quantity (e.g. 5 -> 10 -> 15).

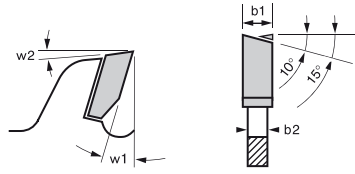
Circular saw blades for horizontal/vertical panel sizing and table saws

TOP Precision

best for Wood



ATB



w1: hook angle  
w2: relief angle  
b1: width of cut  
b2: base blade thickness

Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	NL/diameter TKS	Hook angle ° w1	Relief angle ° w2	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>Product properties</b>									<b>Ordering information</b>				
250	30	3.2/2.2	40	ATB ●●	7/42 9/46.4 10/60	15	15	2 608 642 111	C1c	1	1	574518	
250	30	3.2/2.2	60	ATB ●●●	7/42 9/46.4 10/60	10	15	2 608 642 112	C1c	1	1	574525	
250	30	3.2/2.2	80	ATB ●●●●	7/42 9/46.4 10/60	5	18	2 608 642 113	C1c	1	1	574532	
300	30	3.2/2.2	48	ATB ●●	7/42 9/46.4 10/60	15	15	2 608 642 114	C1c	1	1	574549	
300	30	3.2/2.2	60	ATB ●●●	7/42 9/46.4 10/60	10	15	2 608 642 115	C1c	1	1	574556	
300	30	3.2/2.2	72	ATB ●●●●	7/42 9/46.4 10/60	10	15	2 608 642 116	C1c	1	1	574563	
300	30	3.2/2.2	96	ATB ●●●●	7/42 9/46.4 10/60	5	18	2 608 642 117	C1c	1	1	574570	
315	30	3.2/2.2	48	ATB ●●	7/42 9/46.4 10/60	15	15	2 608 642 119	C1c	1	1	574594	
315	30	3.2/2.2	72	ATB ●●●	7/42 9/46.4 10/60	10	15	2 608 642 118	C1c	1	1	574587	
350	30	3.5/2.5	54	ATB ●●●	9/46 10/60	15	15	2 608 642 120	C1c	1	1	574600	
350	30	3.5/2.5	84	ATB ●●●●	9/46 10/60	10	15	2 608 642 121	C1c	1	1	574617	
400	30	4.0/2.8	60	ATB ●●●	10/60	15	15	2 608 642 122	C0a	1	1	574624	
400	30	4.0/2.8	96	ATB ●●●●	10/60	10	15	2 608 642 123	C0a	1	1	574631	
450	30	4.4/3.0	66	ATB ●●●	2/10/60	15	15	2 608 642 124	C0a	1	1	574648	
500	30	4.4/3.2	60	ATB ●●	2/10/80	15	15	2 608 642 125	C0a	1	1	574655	




# Perfect results in all laminated panels

best  **Laminated Panel** abrasive

best  **Laminated Panel** fine

A blade that lasts and lasts, even with the most difficult panels. Our High-Low Triple Chip Grind (HLTCG) tooth geometry gives perfectly precise and clean cuts results in the most abrasive panels coated on one or two sides when a scoring blade is used. The Hollow Pointed (DH) tooth geometry blade is ideal for use in abrasive panels coated on one or two sides, without needing to employ a scoring blade. Top Precision Laminated Panel fine have an ATB angle of 38° and give an excellent finish on fine-coated panels and veneered panels.

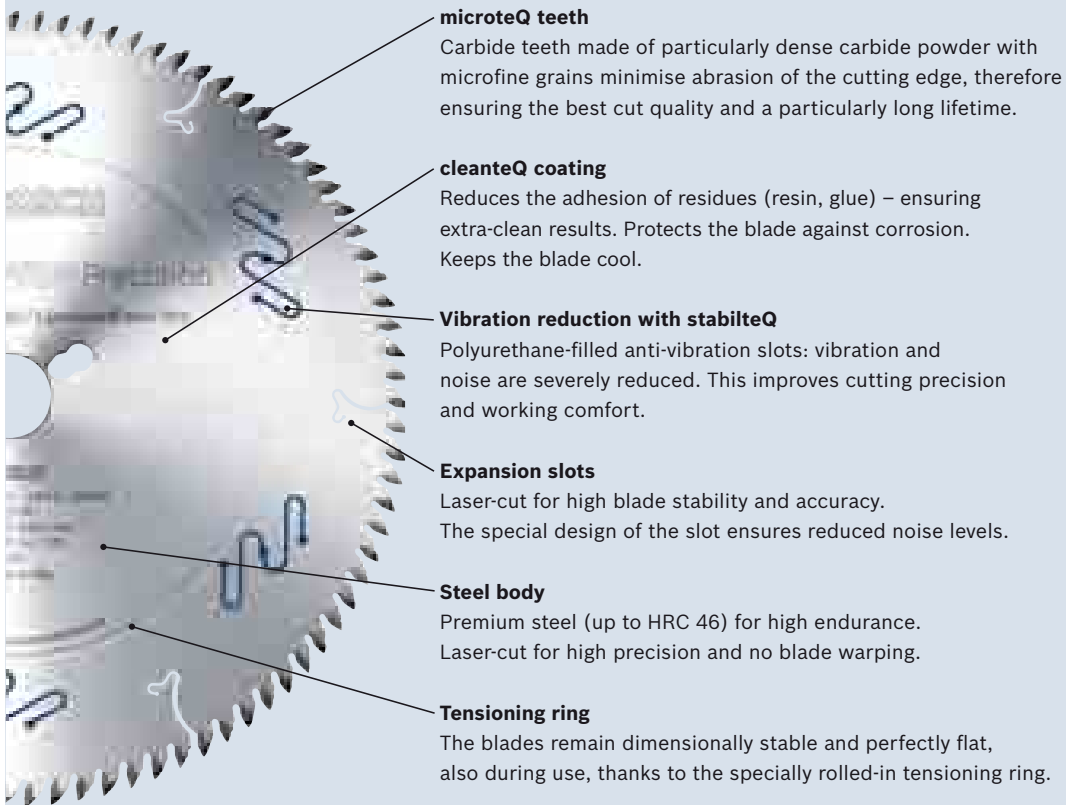
**Available for horizontal or vertical panel sizing saws and table saws.**

 **TOP Precision**

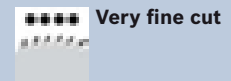
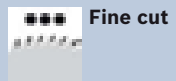
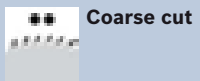


best  **LaminatedPanel** abrasive

best  **LaminatedPanel** fine



- microteQ teeth**  
Carbide teeth made of particularly dense carbide powder with microfine grains minimise abrasion of the cutting edge, therefore ensuring the best cut quality and a particularly long lifetime.
- cleanteQ coating**  
Reduces the adhesion of residues (resin, glue) – ensuring extra-clean results. Protects the blade against corrosion. Keeps the blade cool.
- Vibration reduction with stabilteQ**  
Polyurethane-filled anti-vibration slots: vibration and noise are severely reduced. This improves cutting precision and working comfort.
- Expansion slots**  
Laser-cut for high blade stability and accuracy. The special design of the slot ensures reduced noise levels.
- Steel body**  
Premium steel (up to HRC 46) for high endurance. Laser-cut for high precision and no blade warping.
- Tensioning ring**  
The blades remain dimensionally stable and perfectly flat, also during use, thanks to the specially rolled-in tensioning ring.

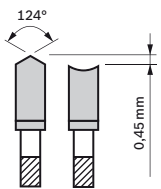
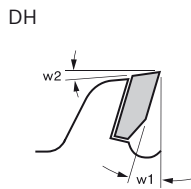
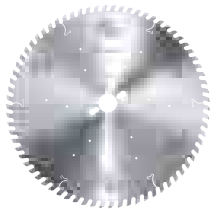


**Circular saw blades for horizontal/vertical panel sizing and table saws**

- For perfect cuts in abrasive panel materials coated on one or two sides.
- DH: Scoring blade not required when used on panel sizing saws.

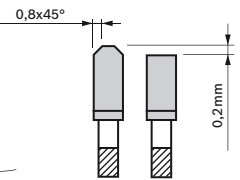
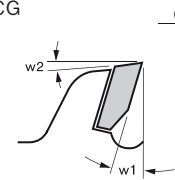
 **TOP** Precision

best  **LaminatedPanel** abrasive



w1: hook angle  
w2: relief angle

HLTCG



Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	NL/diameter TKS	Hook angle ° w1	Relief angle ° w2	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3168140...
250	30	3.2/2.2	48	DH	●●	7/42 9/46.4 10/60	10	15	<b>2 608 642 104</b>	C1c	1	1	574440

Order quantity for a part number in pieces = Sales package quantity x despatch package quantity  
Order quantities must match the specified increments of the despatch package quantity (e.g. 5 -> 10 -> 15).

**Circular saw blades for horizontal/vertical panel sizing and table saws**

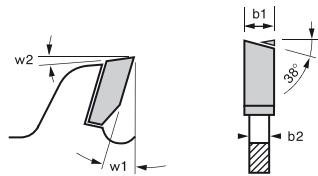
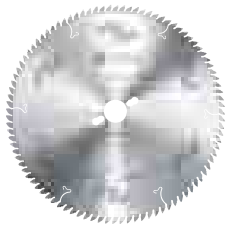
Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	NL/diameter TKS	Hook angle ° w1	Relief angle ° w2	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>Product properties</b>					<b>Ordering information</b>								
250	30	3.2/2.2	80	HLTCG ●●●●	7/42 9/46.4 10/60	5	18	2 608 642 109	C1c	1	1	574495	
300	30	3.2/2.2	96	HLTCG ●●●●	7/42 9/46.4 10/60	5	18	2 608 642 110	C1c	1	1	574501	
303	30	3.2/2.2	60	DH ●●●	7/42 9/46.4 10/60	10	15	2 608 642 106	C1c	1	1	574464	
350	30	3.2/2.2	72	DH ●●●	7/42 9/46.4 10/60	10	15	2 608 642 108	C1c	1	1	574488	

**Circular saw blades for horizontal/vertical panel sizing and table saws**

- For perfect cuts in panels fine-coated on one or two sides and veneered panels.  
ATB: Suitable for all panel sizing and table saws.

**TOP Precision**

best **LaminatedPanel** fine



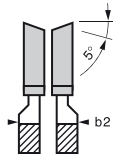
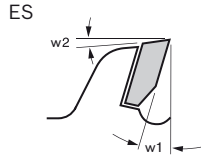
w1: hook angle  
w2: relief angle  
b1: width of cut  
b2: base blade thickness

Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	NL/diameter TKS	Hook angle ° w1	Relief angle ° w2	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>Product properties</b>					<b>Ordering information</b>								
300	30	3.2/2.2	96	ATB ●●●●	7/42 9/46.4 10/60	2	25	2 608 642 105	C1c	1	1	574457	
350	30	3.5/2.5	108	ATB ●●●●	9/46.4 10/60	5	25	2 608 642 107	C1c	1	1	574471	

**Circular saw blades for horizontal/vertical panel sizing saws**

► Adjustable scoring blades for cutting to size panels coated on one or two sides.

TOP Precision  
best for Laminated Panel



w1: hook angle  
w2: relief angle  
b1: width of cut  
b2: base blade thickness

Outer diameter mm	Bore mm	Width of cut (b1) mm	Number of teeth	Tooth shape	Cutting result	Hook angle ° w1	Relief angle ° w2	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>Product properties</b>						<b>Ordering information</b>						
80	20	2.8-3.6	10+10	ES ●●●●	11	17	<b>2 608 642 126</b>	C1c	1	1	574662	
100	20	2.8-3.6	12+12	ES ●●●●	11	17	<b>2 608 642 127</b>	C1c	1	1	574679	
100	22	2.8-3.6	12+12	ES ●●●●	11	17	<b>2 608 642 128</b>	C1c	1	1	574686	
120	20	2.8-3.6	12+12	ES ●●●●	11	17	<b>2 608 642 129</b>	C1c	1	1	574693	
120	22	2.8-3.6	12+12	ES ●●●●	11	17	<b>2 608 642 130</b>	C1c	1	1	574716	
125	20	2.8-3.6	12+12	ES ●●●●	11	17	<b>2 608 642 131</b>	C1c	1	1	574709	

## A most versatile blade

TOP Precision

### best MultiMaterial

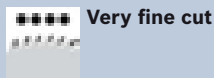
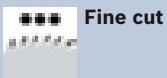
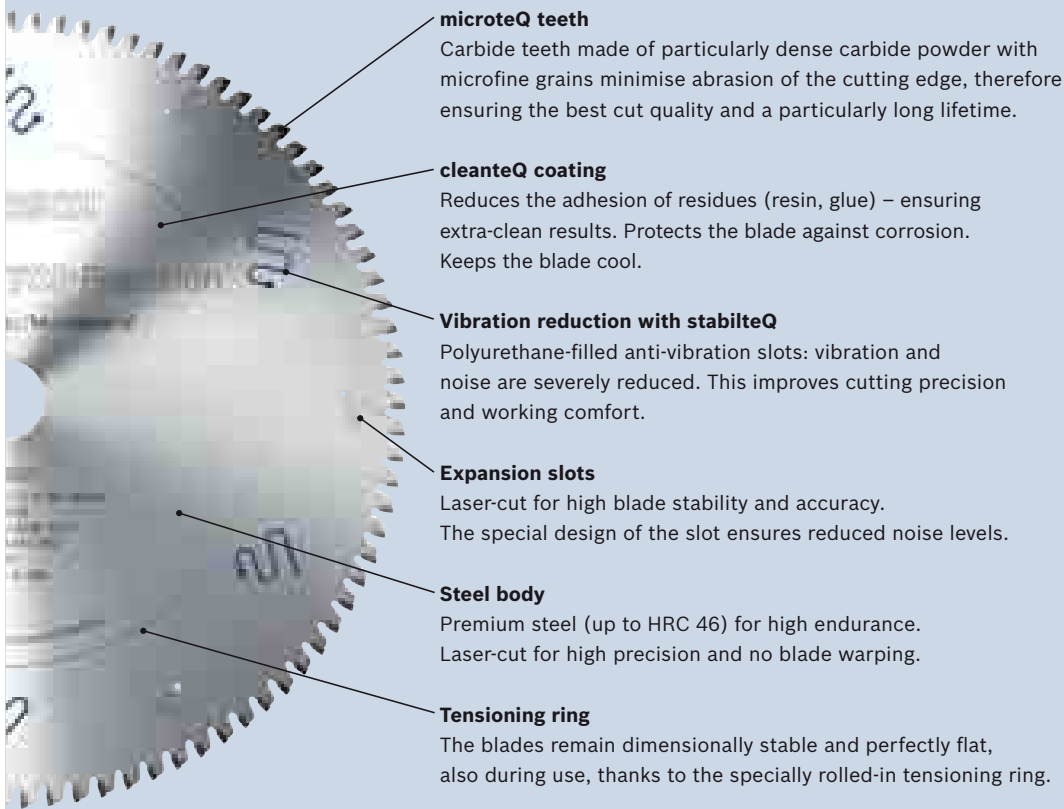
One blade is designed to give you excellent results in non-ferrous metals such as aluminium, brass, copper, but also plastics, epoxy, wood and composites. Easier sawing and less wastage thanks to particularly thin kerf. The High-Low Triple Chip Grind (HLTCG) tooth geometry with negative hook angle ensures perfect cuts.

**Available for mitre saws and sliding mitre saws.**





best **TOP** MultiMaterial

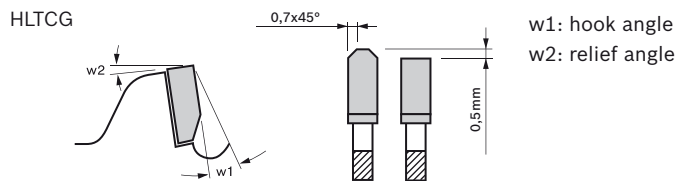
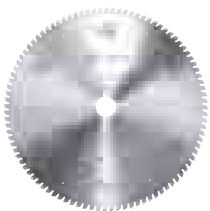


**Circular saw blades for mitre saws and sliding mitre saws**

► For excellent results in non-ferrous metals, aluminium, plastics, epoxy and wood.

**TOP** Precision

best **TOP** MultiMaterial



Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	Hook angle ° w1	Relief angle ° w2	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3168140...
<b>Product properties</b>								<b>Ordering information</b>				
210	30	2.3/1.8	54	HLTCG	●●●	-5	15	2 608 642 096	C1c	1	1	574365
216	30	2.3/1.8	64	HLTCG	●●●	-5	15	2 608 642 097	C1c	1	1	574372
254	30	2.3/1.8	80	HLTCG	●●●●	-5	15	2 608 642 098	C1c	1	1	574389
305	30	2.3/1.8	96	HLTCG	●●●●	-5	15	2 608 642 099	C1c	1	1	574396

Order quantity for a part number in pieces = Sales package quantity x despatch package quantity  
Order quantities must match the specified increments of the despatch package quantity (e.g. 5 -> 10 -> 15).

**best for Laminate:** for a particularly long life in laminate flooring.

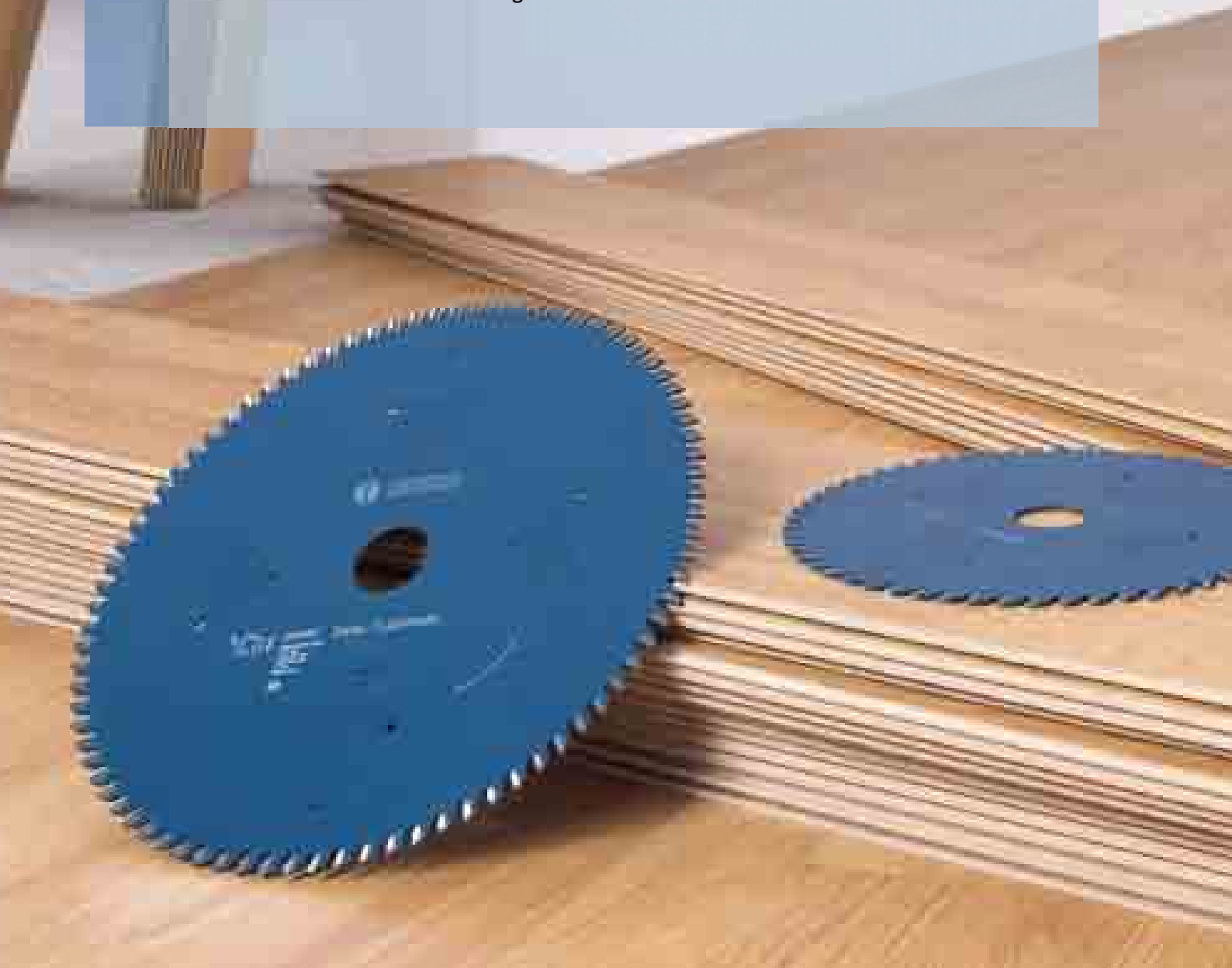
best  **Laminate**

**best for Laminate:**

Our best for Laminate blade is specially designed for a very long life in all classes of laminate flooring with or without sound-dampening layer. The combination of customised micrograin carbide and special proteQtion coating (containing PTFE) guarantees extra-clean results on both sides of the laminate flooring board. The special shape of the anti-vibration controls makes for a quieter blade and a more precise cut.

best for Laminate: the ideal blade for all laminate flooring installers.

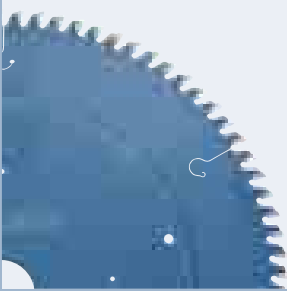
**Available for mitre saws and sliding mitre saws.**





# best for Laminate: for a particularly long life in laminate flooring.

## best Laminate



For the perfect cut in all laminate floorings, with or without sound-dampening layer.

**Ideal for mitre saws and sliding mitre saws.**



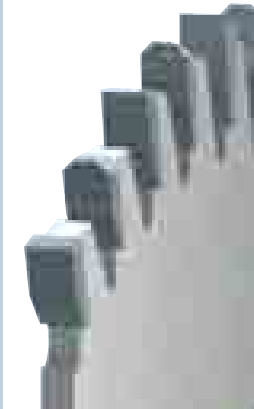
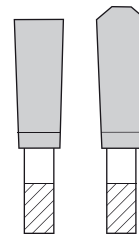
### Benefits

- Longevity** ▶ The best materials, best designs and our manufacturing expertise ensure a longer product life.
- Precision** ▶ Perfect, clean cuts.
- Comfort** ▶ Particularly smooth running, considerably less noise and noticeably reduced vibration.

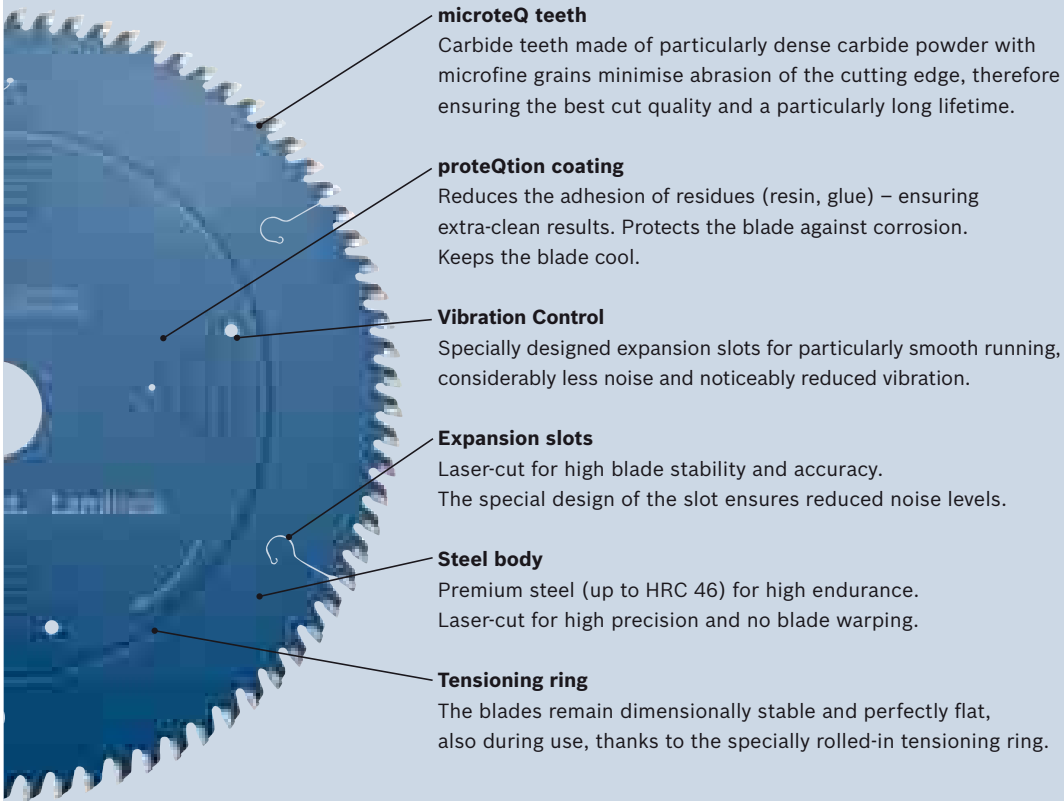
### HLTCG: High-Low Triple Chip Grind

Tooth grind where one flat-topped tooth is followed by a trapezoidal tooth that is slightly higher. The higher tooth precuts the material narrower than the final kerf, helping to eliminate chipping in brittle materials.

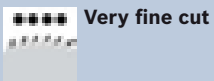
- ▶ Ideal for laminate floorings.



best for Laminate



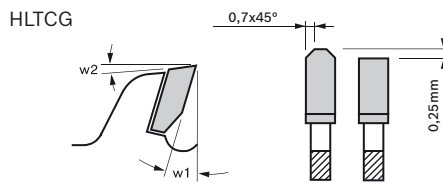
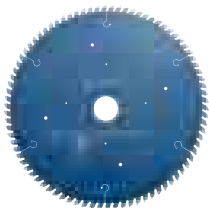
- microteQ teeth**  
Carbide teeth made of particularly dense carbide powder with microfine grains minimise abrasion of the cutting edge, therefore ensuring the best cut quality and a particularly long lifetime.
- proteQtion coating**  
Reduces the adhesion of residues (resin, glue) – ensuring extra-clean results. Protects the blade against corrosion. Keeps the blade cool.
- Vibration Control**  
Specially designed expansion slots for particularly smooth running, considerably less noise and noticeably reduced vibration.
- Expansion slots**  
Laser-cut for high blade stability and accuracy. The special design of the slot ensures reduced noise levels.
- Steel body**  
Premium steel (up to HRC 46) for high endurance. Laser-cut for high precision and no blade warping.
- Tensioning ring**  
The blades remain dimensionally stable and perfectly flat, also during use, thanks to the specially rolled-in tensioning ring.



Circular saw blades for mitre saws and sliding mitre saws

► A durable blade for all types of laminate flooring.

best for Laminate



w1: hook angle  
w2: relief angle

Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	Hook angle ° w1	Relief angle ° w2	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>Product properties</b>								<b>Ordering information</b>				
216	30	2.5/1.8	60	HLTCG	●●●●	5	15	2 608 642 133*	C1c	1	1	579568
254	30	2.5/1.8	84	HLTCG	●●●●	5	15	2 608 642 135*	C1c	1	1	579575
305	30	2.5/1.8	96	HLTCG	●●●●	5	18	2 608 642 137*	C1c	1	1	579582



\* Vibration Control

Order quantity for a part number in pieces = Sales package quantity x despatch package quantity  
Order quantities must match the specified increments of the despatch package quantity (e.g. 5 -> 10 -> 15).

# The right circular saw blade for any application



**Optiline**  
WOOD

The top choice for a precise quality cut in all standard woodworking applications.



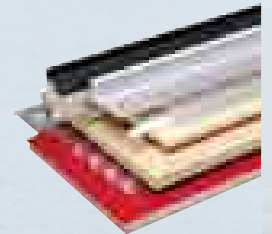
**Speedline**  
WOOD

Ideal for fast rip and cross cuts in all types of wood.



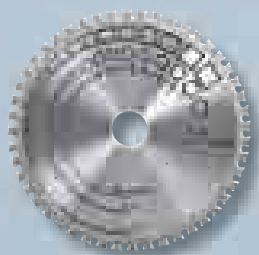
**MULTI**  
MATERIAL

The perfect blade for powerful cuts with clean cut edges in all different kinds of materials.



**CONSTRUCT**  
WOOD

The ideal blade for coarse cuts through construction site timber.































**Construct**  
METAL

Especially suitable for clean, precise cuts in metal.



# The complete range for any application

		especially suitable = ● suitable = ○					
<b>Wood materials</b>	 Soft wood, fine cross cut		●				
	 Soft wood, coarse rip and cross cut		●	●			
	 Wooden beam		○	○			
	 Hard wood, fine cross cut		●		○		
	 Hard wood, coarse rip and cross cut		●	●			
	 Construction timber with nails and concrete residues					●	
	 Construction timber					●	
<b>Wood materials, composite materials</b>	 Shuttering boards			●		●	
	 Chipboard, raw		●	●	●	●	
	 Chipboard, laminated or veneered on one side		●		●		
	 Chipboard, laminated or veneered on two sides		●		●		
	 Composite material		●		○		
	 Pressed laminated wood, plywood		●				
	 Fibre materials, MDF		●				
	 Wood core plywood		●	○			
	 Laminate, parquet		○		●		
	<b>Other materials</b>	 Aerated concrete					●
 Plastics, epoxy					●		
 Non-ferrous metals, aluminium, brass, copper					●		○
 Pipes, profiles, bars							●
 Metal plates, angle iron, cable ducts							●
<b>Cutting features</b>	 Clean cut		●		●		●
	 Quick cut		○	●		○	

# The right circular saw blade for any saw

## Handheld Circular Saws

	Outer diameter in mm	Bore in mm		Outer diameter in mm	Bore in mm		Outer diameter in mm	Bore in mm
<b>AEG</b>			<b>DeWalt</b>			<b>Jepson</b>		
HK 40	140	20	DW 351	150	20	8219 Hand Dry Cutter	190	20
HK 46N	150	20	DW 62, DW 62K	184	16	8230 Hand Dry Cutter	235	25.4
HK 55, K 55, K 55S, K 55SE	160	20	DW 65, DW 365	190	30	<b>Kress</b>		
HK 66, HK 66E, KS 66S	190	30	DW 86	240	30	CHKS 6055	160	20
HK 75A	210	30	DW 935K, DW 936K	136	10	CHKS 6066, 1500KS	190	20
<b>Atlas Copco</b>			DW 390KA, DW 007	165	10	<b>Mafell</b>		
TKS 42	130	20	<b>Elu</b>			KSP 55, KSP 55F, KST 55, MKS 55, MKS 55F, MS 55	160	20
K 55, K 55S	160	20	MH 151	150	20	KSP 65F, MKS 65	190	30
K 66S, K 66SE, SCS 66Q	190	30	MH 155	170	30	B 65	200	30
HKS 75	210	30	MH 65	180	30	MKS 75	210	30
HKS 85	230	30	MH 165, MH 265	190	30	MKS 85	225	30
<b>Black &amp; Decker</b>			MH 85, MH 286	240	30	KSP 85, KSP 85F	230	30
BD 227, BD 840, BD 846, CD 600, DN 227, DN 227H, KS 40, KS 227, KS 840, KS 846, P 3601	140	12.7	GKS 24V	160	20	<b>Makita</b>		
BD 855, KS 855, SR 325E, U 336, U 975, U 976	160	16	GKS 36V-LI	165	20	5603R, 5604R	165	20
HD 1200	180	20	<b>Evolution</b>			5017RKB	165	30
BD 229, BD 865, BD 865E, DN 59, DN 229, DN 820, GD 60, HD 100, HD 1000, HD 2062, KS 865, KS 865E, P 3703, P 3705, PL 40, PS 3703, PS 3705, SR 300, SR 362E	184	16	EVO 180, E180 Xtreme	184	20	5017R, 5703R, 5704R, 5705R	190	30
KS 64, KS 65K	190	16	EVO 230	235	25.4	5900B, 5900BR, SR 2300	235	25
BD 365, PL 41	190	30	<b>Festo</b>			5903R	235	30
HD 2075S, KS 805, KS 810, P 3802	210	30	AP 55, AP 55E, AP 55EB, ATF 55, ATF 55E, ATF 55EB	160	20	<b>Metabo</b>		
P 3902, HD 2066S	230	30	AT 55E, AXT 50LA	170	30	KS 0852S	150	20
<b>Bosch</b>			AU 55S, AU 60P	180	30	KS 54, KSE 55 Plus	160	20
PKS 38, PKS 40	130	16	AP 65, AP 65E, AP 65EB, AT 65, AT 65EB	190	30	KS 1155S, KS 1157S, KSTE 1357S	165	20
PKS 46	150	16	AU 65, AD 65	200	30	KS 1266S, KS 1468S	190	20
GKS 54, GKS 54 CE, PKS 54, PKS 54 CE	160	16	CS 70, CS 70EB	225	30	KS 66, KS 68 Plus	190	30
GKS 55, GKS 55 CE, GKS 160	160	20	AP 85, AP 85E, AP 85 EB	240	30	KSE 1678S	210	30
GKS 65, GKS 68 BC, GKS 65 CE, PKS 66, GKS 66, GKS 66 CE	190	30	<b>Hitachi</b>			<b>Skil</b>		
GKS 75 S	210	30	C 6BU, C 6U	165	30	5140, 5240, 5740, 5144	130	16
GKS 85 S	235	30	C 7BU, C 7U	184	30	5840	140	20
PKS 14,4 V	130	16	C 8U	210	30	5750, 5855	160	16
GKS 18 V, GKS 24 V	160	20	C 9U	235	30	5003, 5164	184	16
GKS 36 V-LI	165	20	<b>Holz-Her</b>			5066, 5166, 5266, 5366, 5466, 5566, 5766, 5866	190	16
			2110, 2111, 2171	130	20	5885	235	30
			2260, 2270	140	20			
			2103, 2104, 2105, 2106, AP 55EB, ATF 55EB	160	20			
			2115, 2266, 2271, 2281	170	30			
			2112, HKU 55	180	30			
			2117, 2119, AP 65EB, AT 65EB	190	30			
			2113	200	30			
			2267	210	30			
			2118, 2120, 2294	230	30			
			2268	240	30			



## Mitre Saws

	Outer diameter in mm	Bore in mm		Outer diameter in mm	Bore in mm
<b>Atlas Copco</b>					
MS 3C	254*	30			
<b>Black &amp; Decker</b>					
SR 700, BD 800, DN 800, DN 810, SEC 818	210	30			
<b>Bosch</b>					
PCM 8 S, PCM 8 ST	210	30			
GCM 8 S	216	30			
GCM 10, GCM 10 S, GKG 24 V, GCM 10 SD	254	30			
PCM 10, PCM 10 T	254	30			
GCM 12, GCM 12 SD, GTM 12	305	30			
<b>DeWalt</b>					
DW 700, DW 701, DW 707	216	30			
DW 702, DW 703, DW 710, DW 742, DW 743	250	30			
DW 709, DW 711	260	30			
DW 704, DW 705, DW 706, DW 708	305	30			
DW 872	355	25.4			
<b>Einhell</b>					
KGS 210	210	30			
KGTN 245, KGTN 250	254*	30			
<b>Elu</b>					
PS 174, PS 274, PS 274E, ETS 41	216	30			
TGS 170, TGS 171, TGS 172, TGS 173, TGS 271, TGS 273	250	30			
PS 374, EMS 705	305	30			
<b>Evolution</b>					
355 Raptor	355	25.4			
<b>Flex</b>					
TCS 3602	355	25.4			
<b>Hitachi</b>					
C 8FA	210	30			
C 8FC, C 8FS	216	30			
C 10FCA, C 10FCB	254*	30			
CD12F	305	25.4			
CD14F	355	25.4			
<b>Holz-Her</b>					
2161, 214101 Symstric	216	30			
<b>Jepson</b>					
9211D Dry Mitre Cutter	254	25.4			
9430 Premium Dry Cutter	305	25.4			
9435 Premium Super Dry Cutter	355	25.4			
9515 Cut-Off Saw	355	25.4			
<b>Kress</b>					
GST 90	254*	30			
<b>Makita</b>					
LS 1013, LS 1040	254*	30			
LC 1230	305	25.4			
<b>Metabo, Elektra Beckum</b>					
KGSE 16705, Signal, KGSE 1670S	210	30			
KGS 255, P 200, PK 200, UK 220E, UK 220W	210	30			
KGS 250, KGS 300, KGT 500, KGT 550, KGS 330, KGS 250 Hobbymaster, KGS 301, KGS 303, KGS 331	250	30			
KS 304	305	30			
<b>Metallkraft</b>					
MTS 500	305	25.4			
MTS 355	355	25.4			
<b>Ridgid</b>					
590	305	25.4			
590L	355	25.4			
<b>Rexon</b>					
MS 8RAL, SM 2151AL	216	30			
M 2500AL	254*	30			
SCM 12A	305	30			
<b>Scheppach</b>					
Capas 1, Capas 2	216	30			
KG 260E, TKG 260i, TKG 260E, TKG 280E	254*	30			
TKG 305i	300	30			
Capas 3	305	30			
<b>Stayer</b>					
SLL 250, SCE 1600, SC 270, SC 271, SLL 250E, SLL 251, SL 251E	254*	30			

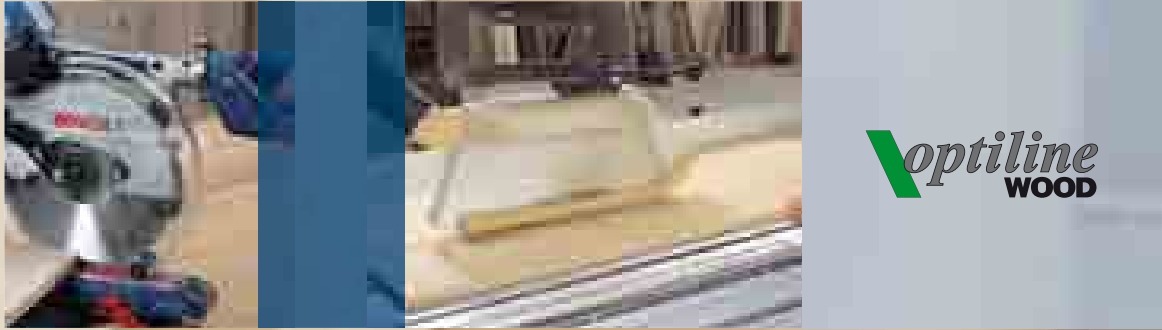
\*A circular saw blade with 250 mm outer diameter also fits these machines.

## Table Saws

	Outer diameter in mm	Bore in mm		Outer diameter in mm	Bore in mm
<b>Bosch</b>					
GTS 10, PTS 10, PTS 10 T	254*	30			
GTM 12	305	30			
<b>DeWalt</b>					
DW 744, DW 746	250	30			
<b>Einhell</b>					
BKS 315	315	30			
<b>Metabo, Elektra Beckum</b>					
TKHS 315, TKHS 315C	315	30			
<b>Rexon</b>					
BT 2160A	216	30			
BT 2500AE	250	30			
TS 3150A	315	30			
<b>Scheppach</b>					
TKU, TS 315GT, TS 401 ci	315	30			
BS 400	400	30			
BS 500	500	30			

\*A circular saw blade with 250 mm outer diameter also fits these machines.  
Bosch does not accept any responsibility for the validity and correctness of competitor data

# Optiline Wood: top performance in wood.



**When it comes to lifetime, cutting speed and precision, the Optiline Wood is hard to beat.** It is ideal for precise quality cuts in all standard woodworking applications, both in interior working and on the construction site. Soft, hard, pressed and laminated wood as well as chipboard, wood core plywood and MDF boards are cut with exact precision. Alternate top bevel teeth made of high-quality tungsten carbide guarantee these impressive cut results. Optiline Wood circular saw blades are available for handheld circular saws, mitre saws and for table saws.





**Scope of range**  
dia. 130 - 450 mm

**Very coarse cut**  
Ideal for fast rip cuts and cross cuts in softwood, hardwood, raw chipboards and casing boards.

**Coarse cut**  
Ideal for rip cuts and cross cuts in softwood, hardwood, raw chipboards, casing boards and plywood.

**Fine cut**  
Ideal for cross cuts in softwood, hardwood and plywood. Also wood core plywood, chipboards laminated on one side and parquet.

**Very fine cut**  
Ideal for cross cuts in softwood, hardwood, plywood and wood core plywood. Also parquet, chipboards laminated on one and two sides, fibre materials and MDF.



**Base blade**  
Dimensionally stable SK5 steel, hardened (>40 HRC).

**Tungsten carbide teeth**  
ATB: alternate top bevel teeth with positive hook angle.  
ATB: alternate top bevel teeth with negative hook angle (-5°) for safe cuts on mitre saws.

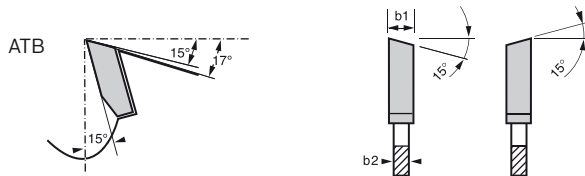
**Body and expansion slots**  
They lower vibration, dampen noise and reduce heat development.

TKS: Pitch circle

NL: Pin hole

**Optiline Wood for handheld circular saws**

► The precise blade for quality cuts in all types of wood.



b1: width of cut  
b2: base blade thickness

Outer diameter mm	Bore mm	Bore with reduction ring mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Curting result	NL/diameter TKS	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>Product properties</b>							<b>Ordering information</b>					
130	20	16.0	2.4/1.4	12	ATB ●	-	2 608 641 167	C1a	1	1	373494	
130	20	16.0	2.4/1.4	20	ATB ●●	-	2 608 640 582	C1a	1	1	193764	
130	20	16.0	2.4/1.4	30	ATB ●●●	-	2 608 640 583	C1a	1	1	193771	
140	20	12.7	2.4/1.4	12	ATB ●	-	2 608 641 168	C1a	1	1	373500	
140	20	12.7	2.4/1.4	20	ATB ●●	-	2 608 640 586	C1a	1	1	193801	
140	20	12.7	2.4/1.4	30	ATB ●●●	-	2 608 640 587	C1a	1	1	193818	
150	20	16.0	2.4/1.4	12	ATB ●	7/42	2 608 641 169	C1a	1	1	373517	
150	20	16.0	2.4/1.4	24	ATB ●●	7/42	2 608 640 592	C1a	1	1	193863	
150	20	16.0	2.4/1.4	36	ATB ●●●	7/42	2 608 640 593	C1a	1	1	193870	
160	20	16.0	1.8/1.2	12	ATB ●	6/32	2 608 641 170*	C1a	1	1	373524	
160	20	16.0	1.8/1.2	24	ATB ●●	6/32	2 608 641 171*	C1a	1	1	373531	
160	20	16.0	1.8/1.2	48	ATB ●●●●	6/32	2 608 641 172*	C1a	1	1	373548	

\* For an extra-thin cut with little exertion of force. Also especially suitable for cordless circular saws.

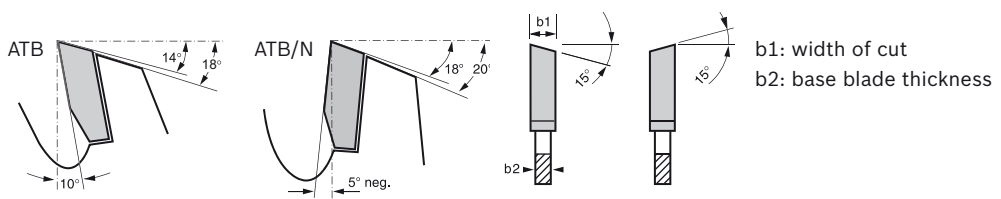
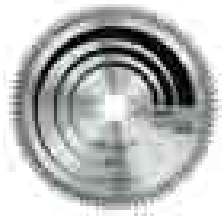
Order quantity for a part number in pieces = Sales package quantity x despatch package quantity  
Order quantities must match the specified increments of the despatch package quantity (e.g. 5 -> 10 -> 15).








## Optiline Wood for handheld circular saws

	Outer diameter mm	Bore mm	Bore with reduction ring mm	Width of cut (b <sub>1</sub> ) mm / Base blade thickness (b <sub>2</sub> ) mm	Number of teeth	Tooth shape	Cutting result	NL/diameter TKS	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
Product properties								Ordering information					
160	20	16.0	2.6/1.6	12	ATB	●	6/32	2 608 641 173	C1a	1	1	373555	
160	20	16.0	2.6/1.6	24	ATB	●●	6/32	2 608 640 596	C1a	1	1	193900	
160	20	16.0	2.6/1.6	36	ATB	●●●	6/32	2 608 640 597	C1a	1	1	193917	
160	20	16.0	2.6/1.6	48	ATB	●●●●	6/32	2 608 640 732	C1a	1	1	195072	
165	30	20.0	2.6/1.6	12	ATB	●	-	2 608 641 174	C1a	1	1	373562	
165	30	20.0	2.6/1.6	24	ATB	●	-	2 608 640 602	C1a	1	1	193962	
165	30	20.0	2.6/1.6	36	ATB	●●●	-	2 608 640 603	C1a	1	1	193979	
165	30	20.0	2.6/1.6	48	ATB	●●●●	-	2 608 641 175	C1a	1	1	373579	
170	30	-	2.6/1.6	12	ATB	●	-	2 608 641 176	C1a	1	1	373586	
170	30	-	2.6/1.6	24	ATB	●●	-	2 608 640 604	C1a	1	1	193986	
170	30	-	2.6/1.6	36	ATB	●●●	-	2 608 640 605	C1a	1	1	193993	
170	30	-	2.6/1.6	48	ATB	●●●●	-	2 608 641 177	C1a	1	1	373593	
180	30	20.0	2.6/1.6	12	ATB	●	-	2 608 641 178	C1a	1	1	373609	
180	30	20.0	2.6/1.6	24	ATB	●●	-	2 608 640 608	C1a	1	1	194020	
180	30	20.0	2.6/1.6	36	ATB	●●●	-	2 608 640 609	C1a	1	1	194037	
180	30	20.0	2.6/1.6	48	ATB	●●●●	-	2 608 641 179	C1a	1	1	373616	
184	16	-	2.6/1.6	12	ATB	●	-	2 608 641 180	C1a	1	1	373623	
184	16	-	2.6/1.6	24	ATB	●●	-	2 608 640 817	C1a	1	1	263429	
184	16	-	2.6/1.6	36	ATB	●●●	-	2 608 640 818	C1a	1	1	263436	
184	16	-	2.6/1.6	48	ATB	●●●●	-	2 608 641 181	C1a	1	1	373630	
184	30	-	2.6/1.6	24	ATB	●●	-	2 608 640 610	C1a	1	1	194044	
184	30	-	2.6/1.6	36	ATB	●●●	-	2 608 640 611	C1a	1	1	194051	
190	20	16.0	2.6/1.6	12	ATB	●	-	2 608 641 182	C1a	1	1	373647	
190	20	16.0	2.6/1.6	24	ATB	●●	-	2 608 640 612	C1a	1	1	194068	
190	20	16.0	2.6/1.6	36	ATB	●●●	-	2 608 640 613	C1a	1	1	194075	
190	20	16.0	2.6/1.6	48	ATB	●●●●	-	2 608 640 614	C1a	1	1	194082	
190	20	16.0	2.6/1.6	60	ATB	●●●●	-	2 608 641 183	C1a	1	1	373654	
190	30	-	2.0/1.3	16	ATB	●	7/42	2 608 641 184*	C1a	1	1	373661	
190	30	-	2.0/1.3	24	ATB	●●	7/42	2 608 641 185*	C1a	1	1	373678	
190	30	-	2.0/1.3	48	ATB	●●●●	7/42	2 608 641 186*	C1a	1	1	373685	
190	30	-	2.6/1.6	12	ATB	●	7/42	2 608 641 187	C1a	1	1	373692	
190	30	-	2.6/1.6	24	ATB	●●	7/42	2 608 640 615	C1a	1	1	194099	
190	30	-	2.6/1.6	36	ATB	●●●	7/42	2 608 640 616	C1a	1	1	194105	
190	30	-	2.6/1.6	48	ATB	●●●●	7/42	2 608 640 617	C1a	1	1	194112	
190	30	-	2.6/1.6	60	ATB	●●●●	7/42	2 608 641 188	C1a	1	1	373708	
200	30	-	2.8/1.8	24	ATB	●●	7/42	2 608 640 618	C1a	1	1	194129	
200	30	-	2.8/1.8	48	ATB	●●●●	7/42	2 608 640 620	C1a	1	1	194143	
200	30	-	2.8/1.8	60	ATB	●●●●	7/42	2 608 641 189	C1a	1	1	373715	
210	30	-	2.8/1.8	24	ATB	●●	-	2 608 640 621	C1a	1	1	194150	
210	30	-	2.8/1.8	36	ATB	●●●	-	2 608 640 622	C1a	1	1	194167	
210	30	-	2.8/1.8	48	ATB	●●●●	-	2 608 640 623	C1a	1	1	194174	
210	30	-	2.8/1.8	60	ATB	●●●●	-	2 608 641 190	C1a	1	1	373722	
225	30	-	2.8/1.8	36	ATB	●●●	7/42	2 608 640 625	C1a	1	1	194198	
230	30	-	2.8/1.8	24	ATB	●●	7/42	2 608 640 627	C1a	1	1	194211	
230	30	-	2.8/1.8	36	ATB	●●●	7/42	2 608 640 628	C1a	1	1	195157	
230	30	-	2.8/1.8	48	ATB	●●●●	7/42	2 608 640 629	C1a	1	1	194228	
230	30	-	2.8/1.8	60	ATB	●●●●	7/42	2 608 641 191	C1a	1	1	373739	
235	30	25.0	2.8/1.8	24	ATB	●●	-	2 608 640 725	C1a	1	1	194990	
235	30	25.0	2.8/1.8	48	ATB	●●●●	-	2 608 640 727	C1a	1	1	195010	
235	30	25.0	2.8/1.8	60	ATB	●●●●	-	2 608 641 192	C1a	1	1	373746	
240	30	-	2.8/1.8	24	ATB	●●	-	2 608 641 193	C1a	1	1	373753	
240	30	-	2.8/1.8	60	ATB	●●●●	-	2 608 641 194	C1a	1	1	373760	
250	30	-	3.2/2.2	40	ATB	●●●	7/42	2 608 640 728	C1a	1	1	195027	
250	30	-	3.2/2.2	60	ATB	●●●●	7/42	2 608 640 729	C1a	1	1	195034	
270	30	-	3.2/2.2	48	ATB	●●●●	-	2 608 640 731	C1a	1	1	195065	

\* For an extra-thin cut with little exertion of force. Also especially suitable for cordless circular saws.

Optiline Wood for mitre saws

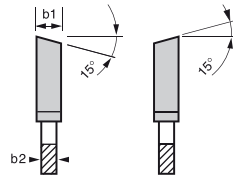
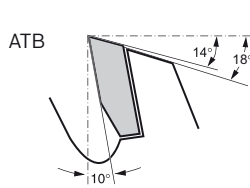


Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	NL/diameter TKS	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>Product properties</b>						<b>Ordering information</b>					
210	30	2.0/1.4	24	ATB/N	●	-	2 608 640 429*	C1a	1	1	314381
210	30	2.0/1.4	48	ATB/N	●●	-	2 608 640 430*	C1a	1	1	314398
216	30	2.0/1.4	24	ATB/N	●	-	2 608 640 431*	C1a	1	1	314404
216	30	2.0/1.4	48	ATB/N	●●	-	2 608 640 432*	C1a	1	1	314411
216	30	2.0/1.4	60	ATB/N	●●●	-	2 608 640 433*	C1a	1	1	314428
216	30	2.8/1.8	48	ATB/N	●●	-	2 608 640 641	C1a	1	1	194327
216	30	2.8/1.8	60	ATB/N	●●●	-	2 608 640 642	C1a	1	1	194334
250	30	3.2/2.2	40	ATB/N	●●	7/42	2 608 640 643	C1a	1	1	194341
250	30	3.2/2.2	60	ATB/N	●●●	7/42	2 608 640 644	C1a	1	1	194358
250	30	3.2/2.2	80	ATB/N	●●●●	7/42	2 608 640 645	C1a	1	1	194365
254	30	2.0/1.4	24	ATB/N	●	-	2 608 640 434*	C1a	1	1	314435
254	30	2.0/1.4	40	ATB	●●	-	2 608 640 438*	C1a	1	1	314473
254	30	2.0/1.4	40	ATB/N	●●	-	2 608 640 435*	C1a	1	1	314442
254	30	2.0/1.4	60	ATB/N	●●●	-	2 608 640 436*	C1a	1	1	314459
254	30	2.5/1.8	80	ATB	●●●●	-	2 608 640 439	C1a	1	1	317375
254	30	2.5/1.8	80	ATB/N	●●●●	-	2 608 640 437	C1a	1	1	314466
254	30	2.8/1.8	40	ATB	●●	-	2 608 640 443	C1a	1	1	317412
254	30	2.8/1.8	60	ATB	●●●	-	2 608 640 444	C1a	1	1	317429
	254	30	3.2/2.2	24	ATB	●	2 608 641 763	C1a	1	1	455510
	254	30	3.2/2.2	40	ATB	●●	2 608 641 764	C1a	1	1	455527
	254	30	3.2/2.2	60	ATB	●●●	2 608 641 765	C1a	1	1	455534
	254	30	3.2/2.2	80	ATB	●●●●	2 608 641 766	C1a	1	1	455541
	254	30	3.2/2.2	96	ATB	●●●●	2 608 641 767	C1a	1	1	455558
260	30	3.2/2.2	48	ATB/N	●●	-	2 608 641 202	C1a	1	1	373845
300	30	3.2/2.2	60	ATB/N	●●●	7/42	2 608 641 203	C1a	1	1	373852
300	30	3.2/2.2	96	ATB/N	●●●●	7/42	2 608 640 646	C1a	1	1	194372
305	30	2.5/1.8	40	ATB/N	●●	-	2 608 640 440*	C1a	1	1	317382
305	30	2.5/1.8	60	ATB/N	●●●	-	2 608 640 441*	C1a	1	1	317399
305	30	2.5/1.8	96	ATB/N	●●●●	-	2 608 640 442*	C1a	1	1	317405
	305	30	3.2/2.2	60	ATB	●●●	2 608 641 768	C1a	1	1	455565
	305	30	3.2/2.2	80	ATB	●●●●	2 608 641 769	C1a	1	1	455572



\* For an extra-thin cut with little exertion of force. Also especially suitable for cordless circular saws.

**Optiline Wood for table saws**

- ▶ UW: universal alternate top bevel tooth.
- GW: even-running alternate top bevel tooth.
- KW: plastic alternate top bevel tooth.
- VW: alternate top bevel tooth design with many teeth.



b1: width of cut  
b2: base blade thickness

Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Cutting result	Type	NL/diameter TKS	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 31 651 40...	
<b>Product properties</b>						<b>Ordering information</b>						
250	30	3.2/2.2	40	●●	UW	7/42	<b>2 608 640 670</b>	C1a	1	1	194587	
250	30	3.2/2.2	60	●●●	KW	7/42	<b>2 608 640 665</b>	C1a	1	1	194532	
250	30	3.2/2.2	80	●●●●	VW	7/42	<b>2 608 640 660</b>	C1a	1	1	194501	
300	30	3.2/2.2	48	●●	UW	7/42 10/60	<b>2 608 640 672</b>	C1a	1	1	194600	
300	30	3.2/2.2	60	●●●	GW	7/42 10/60	<b>2 608 640 650</b>	C1a	1	1	194433	
300	30	3.2/2.2	72	●●●●	KW	7/42 10/60	<b>2 608 640 667</b>	C1a	1	1	194556	
300	30	3.2/2.2	96	●●●●	VW	7/42 10/60	<b>2 608 640 661</b>	C1a	1	1	194518	
	305	30	3.2/2.2	72	●●●●	UW	7/42 10/60	<b>2 608 641 771</b>	C1a	1	1	455596
	305	30	3.2/2.2	96	●●●●	UW	7/42 10/60	<b>2 608 641 772</b>	C1a	1	1	455602
315	30	3.2/2.2	48	●●	UW	7/42	<b>2 608 640 673</b>	C1a	1	1	194617	
315	30	3.2/2.2	60	●●●	GW	7/42	<b>2 608 640 651</b>	C1a	1	1	194440	
350	30	3.5/2.5	54	●●●	UW	10/60	<b>2 608 640 674</b>	C1a	1	1	194624	
350	30	3.5/2.5	84	●●●●	KW	10/60	<b>2 608 640 668</b>	C1a	1	1	194563	
400	30	3.5/2.5	60	●●●	UW	10/60	<b>2 608 640 675</b>	C1a	1	1	194631	
400	30	3.5/2.5	96	●●●●	KW	10/60	<b>2 608 640 669</b>	C1a	1	1	194570	
450	30	3.8/2.8	66	●●●	UW	10/60	<b>2 608 640 676</b>	C1a	1	1	195249	

Order quantity for a part number in pieces = Sales package quantity x despatch package quantity  
Order quantities must match the specified increments of the despatch package quantity (e.g. 5 -> 10 -> 15).

## Speedline Wood: fast in all types of wood.



**The Speedline Wood is the ideal blade for fast rip and cross cuts in all types of wood.** Both coarse cuts in wood or board materials and precise angled cuts can be quickly mastered. The special tooth design ensures a controlled and virtually vibration-free cut. Speedline Wood circular saw blades are available for handheld circular saws and for table saws.





**Scope of range**  
dia. 130 - 500 mm



**Very coarse cut**  
Ideal for rip cuts and cross cuts in softwood, hardwood, raw chipboards, casing boards.



**Coarse cut**  
Ideal for rip cuts and cross cuts in softwood, hardwood, raw chipboards, casing boards and also for wood core plywood.



**Base blade**  
Dimensionally stable steel, hardened (>40 HRC).

**Tungsten carbide teeth**  
FZ/WZ: special tooth design, two positive concave alternate top bevel teeth and a concave flat tooth.  
ATB: alternate top bevel teeth with positive hook angle.

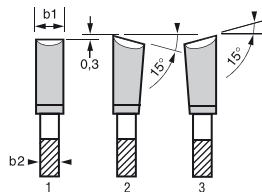
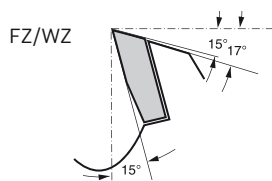
**Body and expansion slots**  
They lower vibration, dampen noise and reduce heat development.

TKS: Pitch circle

NL: Pin hole

**Speedline Wood for handheld circular saws**

► The fast blade for cuts along and across all types of wood.



b1: width of cut  
b2: base blade thickness

Outer diameter mm	Bore mm	Bore Inch	Bore with reduction ring mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>Product properties</b>								<b>Ordering information</b>				
130	16.0	-	-	1.3/0.8	12	FZ/WZ	●	2 608 640 829*	C1a	1	1	276191
130	16.0	-	-	1.3/0.8	24	FZ/WZ	●●	2 608 640 830*	C1a	1	1	276207
130	16.0	-	-	2.2/1.4	9	FZ/WZ	●	2 608 640 774	C1a	1	1	239851
130	16.0	-	-	2.2/1.4	18	FZ/WZ	●●	2 608 640 775	C1a	1	1	239868
136	10.0	-	-	1.3/0.8	12	FZ/WZ	●	2 608 641 759	C1a	1	1	455473
136	10.0	-	-	1.3/0.8	24	FZ/WZ	●●	2 608 641 760	C1a	1	1	455480
140	12.7	-	-	2.2/1.4	9	FZ/WZ	●	2 608 640 776	C1a	1	1	239875
140	12.7	-	-	2.2/1.4	18	FZ/WZ	●●	2 608 640 777	C1a	1	1	239882
140	20.0	-	-	2.2/1.4	9	FZ/WZ	●	2 608 640 778	C1a	1	1	239899
140	20.0	-	-	2.2/1.4	18	FZ/WZ	●●	2 608 640 779	C1a	1	1	239905
150	16.0	-	-	2.2/1.4	9	FZ/WZ	●	2 608 640 808	C1a	1	1	246521
150	16.0	-	-	2.2/1.4	18	FZ/WZ	●●	2 608 640 809	C1a	1	1	246538

\* For an extra-thin cut with little exertion of force. Also especially suitable for cordless circular saws.

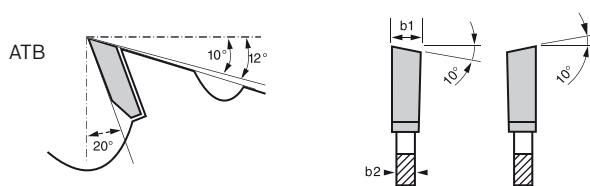


Speedline Wood for handheld circular saws

	Outer diameter mm	Bore mm	Bore Inch	Bore with reduction ring mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
Product properties								Ordering information					
150	20.0	-	-	2.2/1.4	9	FZ/WZ	●	2 608 640 780	C1a	1	1	239912	
150	20.0	-	-	2.2/1.4	18	FZ/WZ	●●	2 608 640 781	C1a	1	1	239929	
160	16.0	-	-	2.4/1.6	12	FZ/WZ	●	2 608 640 784	C1a	1	1	239950	
160	16.0	-	-	2.4/1.6	18	FZ/WZ	●●	2 608 640 785	C1a	1	1	239967	
160	20.0	-	-	2.4/1.6	12	FZ/WZ	●	2 608 640 786	C1a	1	1	239974	
160	20.0	-	-	2.4/1.6	18	FZ/WZ	●●	2 608 640 787	C1a	1	1	239981	
165	-	5/8"	-	1.3/0.8	12	FZ/WZ	●	2 608 641 761	C1a	1	1	455497	
165	-	5/8"	-	1.3/0.8	24	FZ/WZ	●●	2 608 641 762	C1a	1	1	455503	
165	30.0	-	20	2.4/1.6	12	FZ/WZ	●	2 608 640 788	C1a	1	1	239998	
165	30.0	-	20	2.4/1.6	18	FZ/WZ	●●	2 608 640 789	C1a	1	1	240000	
170	30.0	-	-	2.4/1.6	12	FZ/WZ	●	2 608 640 790	C1a	1	1	240017	
170	30.0	-	-	2.4/1.6	18	FZ/WZ	●●	2 608 640 791	C1a	1	1	240024	
180	30.0	-	-	2.4/1.6	12	FZ/WZ	●	2 608 640 792	C1a	1	1	240031	
180	30.0	-	-	2.4/1.6	24	FZ/WZ	●●	2 608 640 793	C1a	1	1	240048	
184	16.0	-	-	2.4/1.6	12	FZ/WZ	●	2 608 640 794	C1a	1	1	240055	
184	16.0	-	-	2.4/1.6	24	FZ/WZ	●●	2 608 640 795	C1a	1	1	240062	
184	30.0	-	-	2.4/1.6	12	FZ/WZ	●	2 608 640 796	C1a	1	1	240079	
184	30.0	-	-	2.4/1.6	24	FZ/WZ	●●	2 608 640 797	C1a	1	1	240086	
190	20.0	-	16	2.6/1.6	12	FZ/WZ	●	2 608 640 798	C1a	1	1	240093	
190	20.0	-	16	2.6/1.6	24	FZ/WZ	●●	2 608 640 799	C1a	1	1	240109	
190	30.0	-	-	2.6/1.8	12	FZ/WZ	●	2 608 640 800	C1a	1	1	240116	
190	30.0	-	-	2.6/1.8	24	FZ/WZ	●●	2 608 640 801	C1a	1	1	240123	
210	30.0	-	-	2.6/1.8	18	FZ/WZ	●	2 608 640 802	C1a	1	1	240130	
210	30.0	-	-	2.6/1.8	30	FZ/WZ	●●	2 608 640 803	C1a	1	1	240147	
230	30.0	-	-	2.6/1.8	18	FZ/WZ	●	2 608 640 804	C1a	1	1	240154	
230	30.0	-	-	2.6/1.8	30	FZ/WZ	●●	2 608 640 805	C1a	1	1	240161	
235	30.0	-	25	2.6/1.8	18	FZ/WZ	●	2 608 640 806	C1a	1	1	240178	
235	30.0	-	25	2.6/1.8	30	FZ/WZ	●●	2 608 640 807	C1a	1	1	240185	

\* For an extra-thin cut with little exertion of force. Also especially suitable for cordless circular saws.

Speedline Wood for table saws



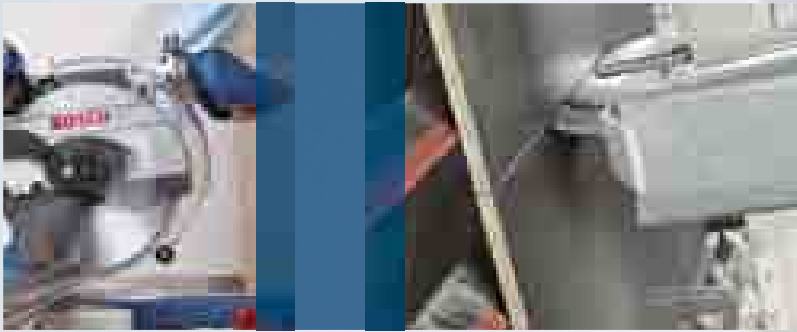
b1: width of cut  
b2: base blade thickness

	Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	N/L diameter TKS	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
Product properties							Ordering information					
250	30	3.2/2.2	24	ATB	●●	7/42	2 608 640 680	C1a	1	1	194655	
300	30	3.2/2.2	28	ATB	●●	7/42 10/60	2 608 640 681	C1a	1	1	194662	
315	30	3.2/2.2	28	ATB	●●	7/42	2 608 640 682	C1a	1	1	194679	
350	30	3.5/2.5	32	ATB	●●	10/60	2 608 640 683	C1a	1	1	194686	
400	30	3.5/2.5	36	ATB	●●	10/60	2 608 640 684	C1a	1	1	194693	
450	30	3.8/2.8	40	ATB	●●	10/60	2 608 640 685	C1a	1	1	194709	
500	30	3.8/2.8	44	ATB	●●	-	2 608 640 686	C0a	1	1	194716	

Order quantity for a part number in pieces = Sales package quantity x despatch package quantity  
Order quantities must match the specified increments of the despatch package quantity (e.g. 5 -> 10 -> 15).

## MultiMaterial:

clean cuts through different materials.



**MULTI  
MATERIAL**

**Just one circular saw blade for all applications.** The Multi Material is the perfect blade for interior working or exhibition fitting. Alternately arranged trapezoidal/flat teeth made of tungsten carbide ensure a powerful cut with clean cut edges in all different kinds of materials. The negative hook angles guarantee safe working in the different materials. Multi Material circular saw blades are available for handheld circular saws, mitre saws and for table saws.





**Scope of range**  
dia. 130 - 400 mm



**Fine cut in hardwood**

Also well suited to occasional cutting of composite materials, chipboards laminated on one and two sides, plywood, fibre materials, MDF and wood core plywood.



**Very fine cut in hardwood and composites**

Also well suited to occasional cutting of plastic and non-ferrous metals such as aluminium, brass and copper.



**Fine cut in plastic and non-ferrous metals**

Also well suited to cutting parquet, laminate, epoxy and occasional use in hardwood.



**Very fine cut in plastic and non-ferrous metals**

Perfectly suited to cutting parquet, laminate, epoxy, glass fibre and cement-bonded fibre boards.



**Base blade**

Dimensionally stable SK5 steel, hardened (>40 HRC).

**Tungsten carbide teeth**

Safe cuts thanks to negative (-5°) trapezoidal/flat teeth made of high-quality tungsten carbide.

**Body and expansion slots**

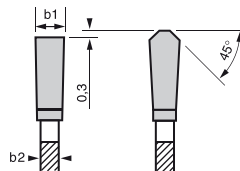
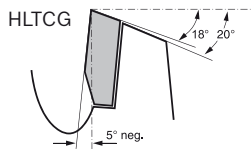
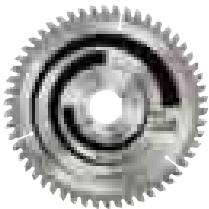
They lower vibration, dampen noise and reduce heat development.

TKS: Pitch circle

NL: Pin hole

**Multi Material for handheld circular saws**

► The perfect blade for powerful cuts with clean cut edges in all different kinds of materials.



b1: width of cut  
b2: base blade thickness

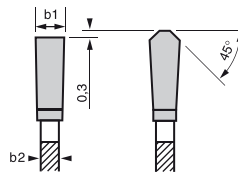
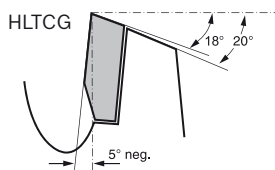
Outer diameter mm	Bore mm	Bore with reduction ring mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>130</b>	20	16.0	2.0/1.4	42	HLTCG	●●●●	<b>2 608 641 195</b>	C1a	1	1	373777
<b>140</b>	20	12.7	2.0/1.4	42	HLTCG	●●●●	<b>2 608 641 196</b>	C1a	1	1	373784
<b>150</b>	20	16.0	2.0/1.4	42	HLTCG	●●●●	<b>2 608 640 501</b>	C1a	1	1	192910
<b>160</b>	20	16.0	2.4/1.8	42	HLTCG	●●●●	<b>2 608 640 503</b>	C1a	1	1	192934
<b>165</b>	30	20.0	2.4/1.8	42	HLTCG	●●●●	<b>2 608 640 519</b>	C1a	1	1	193092
<b>170</b>	30	-	2.4/1.8	48	HLTCG	●●●●	<b>2 608 640 505</b>	C1a	1	1	192958
<b>180</b>	30	20.0	2.4/1.8	48	HLTCG	●●●●	<b>2 608 640 507</b>	C1a	1	1	192972
<b>184</b>	16	-	2.4/1.8	48	HLTCG	●●●●	<b>2 608 640 815</b>	C1a	1	1	263405
<b>184</b>	30	-	2.4/1.8	48	HLTCG	●●●●	<b>2 608 640 506</b>	C1a	1	1	192965
<b>190</b>	20	16.0	2.4/1.8	54	HLTCG	●●●●	<b>2 608 640 508</b>	C1a	1	1	192989
<b>190</b>	30	-	2.4/1.8	54	HLTCG	●●●●	<b>2 608 640 509</b>	C1a	1	1	192996
<b>200</b>	30	-	2.4/1.8	54	HLTCG	●●●●	<b>2 608 640 510</b>	C1a	1	1	193009

Order quantity for a part number in pieces = Sales package quantity x despatch package quantity  
Order quantities must match the specified increments of the despatch package quantity (e.g. 5 -> 10 -> 15).

**Multi Material for handheld circular saws**

Outer diameter mm	Bore mm	Bore with reduction ring mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>Product properties</b>						<b>Ordering information</b>					
210	30	-	2.4/1.8	54	HLTCG	●●●●	2 608 640 511	C1a	1	1	193016
230	30	-	2.4/1.8	64	HLTCG	●●●●	2 608 640 513	C1a	1	1	193030
235	30	25.0	2.4/1.8	64	HLTCG	●●●●	2 608 640 514	C1a	1	1	193047
240	30	-	2.4/1.8	64	HLTCG	●●●●	2 608 640 515	C1a	1	1	193054

**Multi Material for mitre saws and table saws**



b1: width of cut  
b2: base blade thickness

Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	NL/diameter TKS	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>Product properties</b>						<b>Ordering information</b>					
210	30	2.5/1.8	80	HLTCG	●●●	-	2 608 640 445	C1a	1	1	317436
216	30	2.4/1.8	60	HLTCG	●●	-	2 608 640 512	C1a	1	1	193023
216	30	2.5/1.8	60	HLTCG	●●	-	2 608 640 446	C1a	1	1	317443
216	30	2.5/1.8	80	HLTCG	●●●	-	2 608 640 447	C1a	1	1	317450
250	30	3.2/2.5	80	HLTCG	●●●	7/42	2 608 640 516	C1a	1	1	193061
254	30	3.2/2.5	40	HLTCG	●	-	2 608 640 448	C1a	1	1	317467
254	30	3.2/2.5	60	HLTCG	●●	-	2 608 640 449	C1a	1	1	317474
254	30	3.2/2.5	80	HLTCG	●●●	-	2 608 640 450	C1a	1	1	317481
254	30	3.2/2.5	96	HLTCG	●●●●	-	2 608 640 451	C1a	1	1	317498
260	30	3.2/2.5	80	HLTCG	●●●	-	2 608 641 204	C1a	1	1	373869
300	30	3.2/2.5	96	HLTCG	●●●●	7/42 10/60	2 608 640 518	C1a	1	1	193085
305	30	3.2/2.5	80	HLTCG	●●●	-	2 608 640 452	C1a	1	1	317504
305	30	3.2/2.5	96	HLTCG	●●●●	-	2 608 640 453	C1a	1	1	317511
350	30	3.2/2.5	96	HLTCG	●●●●	-	2 608 640 770	C1a	1	1	236935
400	30	3.8/3.2	96	HLTCG	●●●●	-	2 608 640 771	C1a	1	1	236942

Order quantity for a part number in pieces = Sales package quantity x despatch package quantity  
Order quantities must match the specified increments of the despatch package quantity (e.g. 5 -> 10 -> 15).

## ConstructWood:

sturdy in construction site timber.



**The Construct Wood is ideal for coarse cuts through construction site timber.** Chamfered tungsten-carbide flat teeth and the special tooth design ensure enduring resistance and a hard bite. Dimensionally stable tooth backs support the sturdiness of the blades additionally. Construction timber, shuttering boards, aerated concrete stones and chipboard are cut effortlessly. Even nails or concrete residues cannot stand in the way of these blades. In addition to this, special Construct Wood circular saw blades with alternate top bevel teeth are available for normal use on saws for construction timber and firewood.



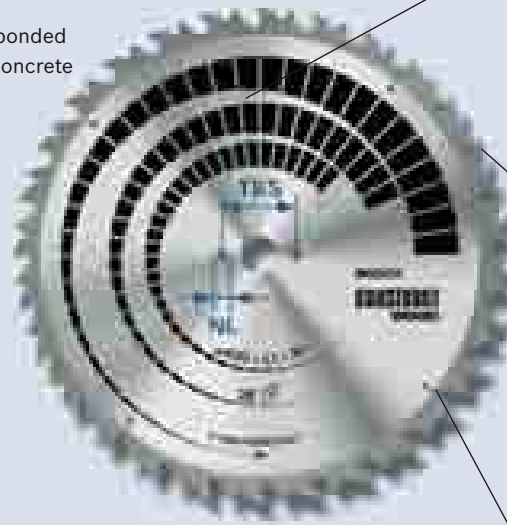


**Scope of range**  
dia. 130 - 700 mm



**Coarse cut**

Ideal for construction timber, cement-bonded fibre boards, shuttering boards (with concrete residues), aerated concrete, wood with nails.



**Base blade**

Dimensionally stable SK5 steel, hardened (up to 40 HRC).

**Tungsten carbide teeth**

FWF: positive chamfered flat teeth.  
ATB: alternate top bevel tooth with positive hook angle.

**Body and expansion slots**

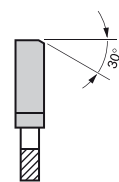
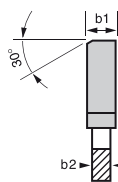
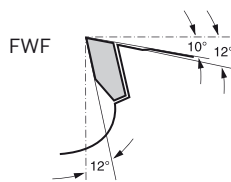
They lower vibration, dampen noise and reduce heat development.

TKS: Pitch circle

NL: Pin hole

**Construct Wood for handheld circular saws**

► The special tooth design and the wide support in the tooth spine ensure high resistance and cut construction site timber with foreign bodies such as nails and concrete residues.

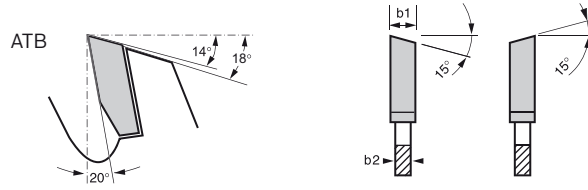


b1: width of cut  
b2: base blade thickness

Outer diameter mm	Bore mm	Bore with reduction ring mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>Product properties</b>						<b>Ordering information</b>					
130	16	-	1.3/0.8	12	FWF	●	2 608 640 831*	C1a	1	1	276214
130	20	16.0	2.4/1.4	12	FWF	●	2 608 641 197	C1a	1	1	373791
140	20	12.7	2.4/1.4	12	FWF	●	2 608 641 198	C1a	1	1	373807
150	20	16.0	2.4/1.4	12	FWF	●	2 608 641 199	C1a	1	1	373814
160	20	16.0	2.6/1.6	12	FWF	●	2 608 640 630	C1a	1	1	194235
180	30	20.0	2.6/1.6	12	FWF	●	2 608 640 632	C1a	1	1	194259
184	16	-	2.6/1.6	12	FWF	●	2 608 641 200	C1a	1	1	373821
190	20	16.0	2.6/1.6	12	FWF	●	2 608 641 201	C1a	1	1	373838
190	30	-	2.6/1.6	12	FWF	●	2 608 640 633	C1a	1	1	194266
210	30	-	2.8/1.8	14	FWF	●	2 608 640 634	C1a	1	1	194273
230	30	-	2.8/1.8	16	FWF	●	2 608 640 635	C1a	1	1	194280
235	30	25.0	2.8/1.8	16	FWF	●	2 608 640 636	C1a	1	1	194297

\* For an extra-thin cut with little exertion of force. Also especially suitable for cordless circular saws.

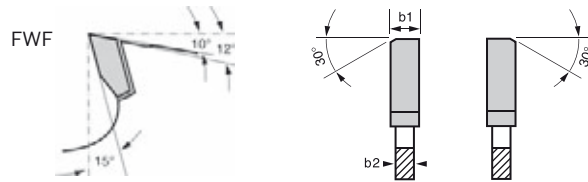
**Construct Wood for table saws (standard)**



b1: width of cut  
b2: base blade thickness

Outer diameter mm	Bore mm	Bore with reduction ring mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	NL/diameter TKS	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>Product properties</b>						<b>Ordering information</b>						
300	30	- 2.8/1.8	20	ATB	●	7/42; 10/60	<b>2 608 640 700</b>	C1a	1	1	194792	
315	30	- 3.2/2.2	20	ATB	●	7/42	<b>2 608 640 701</b>	C1a	1	1	194808	
350	30	- 3.2/2.2	24	ATB	●	10/60	<b>2 608 640 702</b>	C1a	1	1	194815	
400	30	- 3.2/2.2	28	ATB	●	10/60	<b>2 608 640 703</b>	C1a	1	1	194822	
450	30	- 3.8/2.8	32	ATB	●	10/60	<b>2 608 640 704</b>	C1a	1	1	194839	
500	30	- 3.8/2.8	36	ATB	●	-	<b>2 608 640 705</b>	C0a	1	1	194846	
600	30	- 4.0/3.0	40	ATB	●	-	<b>2 608 640 761</b>	C0a	1	1	236843	
700	30	- 4.2/3.2	46	ATB	●	-	<b>2 608 640 762</b>	C0a	1	1	236850	

**Construct Wood for table saws (nail-proof)**



b1: width of cut  
b2: base blade thickness

Outer diameter mm	Bore mm	Bore with reduction ring mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	NL/diameter TKS	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>Product properties</b>						<b>Ordering information</b>						
216	30	- 3.2/2.2	20	FWF	●	-	<b>2 608 641 773</b>	C1a	1	1	455619	
250	30	- 3.2/2.2	20	FWF	●	7/42	<b>2 608 641 774</b>	C1a	1	1	455626	
300	30	- 3.2/2.2	20	FWF	●	7/42; 10/60	<b>2 608 640 690</b>	C1a	1	1	194730	
315	30	- 3.2/2.2	20	FWF	●	7/42	<b>2 608 640 691</b>	C1a	1	1	194747	
350	30	- 3.5/2.5	24	FWF	●	10/60	<b>2 608 640 692</b>	C1a	1	1	194754	
400	30	- 3.5/2.5	28	FWF	●	10/60	<b>2 608 640 693</b>	C1a	1	1	194761	
450	30	- 3.8/2.5	32	FWF	●	10/60	<b>2 608 640 694</b>	C1a	1	1	194778	
500	30	- 3.8/2.5	36	FWF	●	10/60	<b>2 608 640 695</b>	C0a	1	1	195294	

Order quantity for a part number in pieces = Sales package quantity x despatch package quantity  
Order quantities must match the specified increments of the despatch package quantity (e.g. 5 -> 10 -> 15).

## Construct Metal: particularly clean cuts in metal.



**Construct  
METAL**

**The Construct Metal circular saw blade is ideal for powerful, precise cuts with clean cutting lines in steel profiles, pipes, angle iron, metal plates and cable ducts.** The Construct Metal circular saw blade is equipped with alternately arranged trapezoidal/flat teeth made of tungsten carbide for use with Hand Dry Cutters. It has flat teeth with alternating chamfered teeth for Dry Mitre Cutters.







**Scope of range**  
dia. 160 - 355 mm



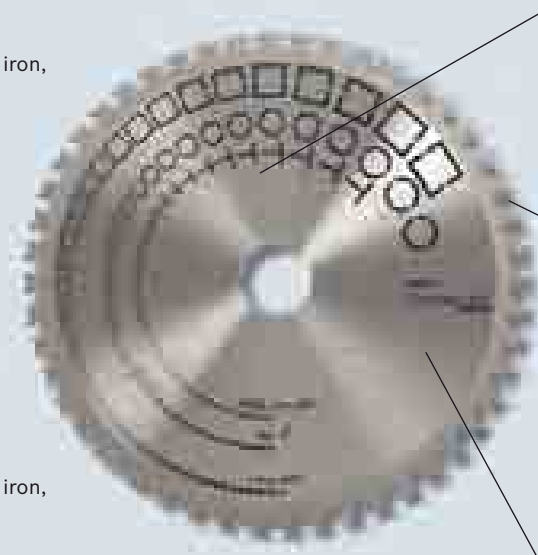
**Coarse cut**  
Ideal for steel profiles, pipes, angle iron, metal plates and cable ducts.



**Fine cut**  
Ideal for steel profiles, pipes, angle iron, metal plates and cable ducts.



**Very fine cut**  
Ideal for steel profiles, pipes, angle iron, metal plates and cable ducts.



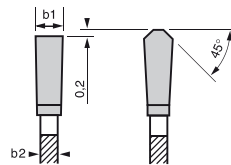
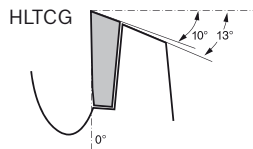
**Base blade**  
Dimensionally stable SK5 steel, hardened (>40 HRC).

**Tungsten carbide teeth**  
HLTCG: clean cuts due to trapezoidal/flat teeth with neutral hook angle (0°).

FWF: chamfered flat teeth with neutral hook angle (0°).

**Vibration Control**  
Lowers vibration, dampens noise and increases precision.

**Construct Metal for Hand Dry Cutters**

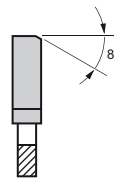
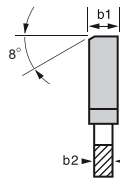
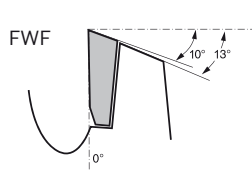


b1: width of cut  
b2: base blade thickness

Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>Product properties</b>					<b>Ordering information</b>					
160	20.0	2.0/1.6	30	HLTCG	●●	2 608 641 720	C1a	1	1	466493
184	20.0	2.0/1.6	48	HLTCG	●●●	2 608 641 721	C1a	1	1	466509
190	20.0	2.0/1.6	40	HLTCG	●●●	2 608 641 722	C1a	1	1	466516
210	30.0	2.2/1.8	48	HLTCG	●●●	2 608 641 723	C1a	1	1	466523
235	25.4	2.2/1.8	48	HLTCG	●●●	2 608 641 724	C1a	1	1	466530

Order quantity for a part number in pieces = Sales package quantity x despatch package quantity  
Order quantities must match the specified increments of the despatch package quantity (e.g. 5 -> 10 -> 15).

**Construct Metal for Mitre Dry Cutters**



b1: width of cut  
b2: base blade thickness

Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
<b>Product properties</b>					<b>Ordering information</b>					
254	25.4	2.2/1.8	60	FWF	●●●●	<b>2 608 641 725</b>	C2a	1	1	466547
305	25.4	2.2/1.8	60	FWF	●●●●	<b>2 608 641 727</b>	C2a	1	1	474245
305	25.4	2.2/1.8	80	FWF	●●●●	<b>2 608 641 729</b>	C2a	1	1	466554
355	25.4	2.2/1.8	80	FWF	●●●●	<b>2 608 641 730</b>	C2a	1	1	466561
355	25.4	2.2/1.8	90	FWF	●●●●	<b>2 608 641 732</b>	C2a	1	1	466578

# Accessories for circular saws

## Reduction rings for circular saw blades



Diameter mm	Bore mm	Thickness mm	Length mm	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3163140...
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### Reduction rings for circular saw blades

Base blade thickness of 1.0 mm up to max. 1.3 mm

Product properties				Ordering information				
20.0	12.75	0.8	-	<b>2 600 100 185</b>	P1b	1	1	433518
20.0	15.875	0.8	-	<b>2 600 100 186</b>	P1b	1	1	433525
20.0	16	0.8	-	<b>2 600 100 187</b>	P1b	1	1	433532

### Reduction rings for circular saw blades

Base blade thickness of 1.25 mm up to max. 1.4 mm

20.0	16	1.0	-	<b>2 600 100 188</b>	P1b	1	1	433549
25.0	15.875	1.0	-	<b>2 600 100 189</b>	P1b	1	1	433556
25.0	16	1.0	-	<b>2 600 100 190</b>	P1b	1	1	433563
25.0	20	1.0	-	<b>2 600 100 191</b>	P1b	1	1	433570

### Reduction rings for circular saw blades

Base blade thickness of 1.4 mm up to max. 1.7 mm

16.0	12.75	1.2	-	<b>2 600 100 192</b>	P1b	1	1	433587
20.0	10	1.2	-	<b>2 600 100 193</b>	P1b	1	1	433594
20.0	12.75	1.2	-	<b>2 600 100 194</b>	P1b	1	1	433600
20.0	13	1.2	-	<b>2 600 100 195</b>	P1b	1	1	433617
20.0	15.875	1.2	-	<b>2 600 100 196</b>	P1b	1	1	433624
20.0	16	1.2	-	<b>2 600 100 197</b>	P1b	1	1	433631
24.0	16	1.2	-	<b>2 600 100 198</b>	P1b	1	1	433648
24.0	18	1.2	-	<b>2 600 100 199</b>	P1b	1	1	433655
24.0	20	1.2	-	<b>2 600 100 200</b>	P1b	1	1	433662
25.0	15.875	1.2	-	<b>2 600 100 201</b>	P1b	1	1	433679
25.0	16	1.2	-	<b>2 600 100 202</b>	P1b	1	1	433686
25.0	20	1.2	-	<b>2 600 100 203</b>	P1b	1	1	433693
25.4	15.875	1.2	-	<b>2 600 100 204</b>	P1b	1	1	433709
25.4	16	1.2	-	<b>2 600 100 205</b>	P1b	1	1	433716
25.4	19	1.2	-	<b>2 600 100 206</b>	P1b	1	1	433723
25.4	20	1.2	-	<b>2 600 100 207</b>	P1b	1	1	433730
30.0	20	1.2	-	<b>2 600 100 208</b>	P1b	1	1	433747
30.0	24	1.2	-	<b>2 600 100 209</b>	P1b	1	1	433754
30.0	25	1.2	-	<b>2 600 100 210</b>	P1b	1	1	433761
30.0	25.4	1.2	-	<b>2 600 100 211</b>	P1b	1	1	433778

### Reduction rings for circular saw blades

Base blade thickness of 1.7 mm up to max. 2.2 mm

20.0	16	1.5	-	<b>2 600 100 212</b>	P1b	1	1	433785
25.0	15.875	1.5	-	<b>2 600 100 213</b>	P1b	1	1	433792
25.0	16	1.5	-	<b>2 600 100 214</b>	P1b	1	1	433808
25.0	20	1.5	-	<b>2 600 100 215</b>	P1b	1	1	433815
25.4	15.875	1.5	-	<b>2 600 100 216</b>	P1b	1	1	433822
25.4	16	1.5	-	<b>2 600 100 217</b>	P1b	1	1	433839
25.4	19	1.5	-	<b>2 600 100 218</b>	P1b	1	1	433846
25.4	20	1.5	-	<b>2 600 100 219</b>	P1b	1	1	433853
30.0	20	1.5	-	<b>2 600 100 220</b>	P1b	1	1	433860
30.0	25	1.5	-	<b>2 600 100 221</b>	P1b	1	1	433877
30.0	25.4	1.5	-	<b>2 600 100 222</b>	P1b	1	1	433884

Order quantity for a part number in pieces = Sales package quantity x despatch package quantity  
 Order quantities must match the specified increments of the despatch package quantity (e.g. 5 -> 10 -> 15).

## Reduction rings for circular saw blades

Diameter mm	Bore mm	Thickness mm	Length mm	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
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Product properties			Ordering information					
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Reduction rings for circular saw blades  
Base blade thickness of 1.7 mm up to max. 2.2 mm

35.0	25	1.5	-	2 600 100 223	P1b	1	1	433891
35.0	25.4	1.5	-	2 600 100 224	P1b	1	1	433907
35.0	30	1.5	-	2 600 100 225	P1b	1	1	433914

Reduction rings for circular saw blades  
Base blade thickness of 2.2 mm up to max. 3.0 mm

25.4	15.875	1.8	-	2 600 100 226	P1b	1	1	433921
25.4	16	1.8	-	2 600 100 227	P1b	1	1	433938
25.4	20	1.8	-	2 600 100 228	P1b	1	1	433945
30.0	16	1.8	-	2 600 100 229	P1b	1	1	433952
30.0	20	1.8	-	2 600 100 230	P1b	1	1	433969
30.0	25	1.8	-	2 600 100 231	P1b	1	1	433976
30.0	25.4	1.8	-	2 600 100 232	P1b	1	1	433983

## Accessories for handheld circular saws

Length mm	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
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Product properties		Ordering information			
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Parallel guide

**Appropriate for** GKS 55; GKS 65; GKS 66 CE; GKS 75 S; GKS 85; GKS 85 S Professional

-	1 608 190 007	PC1c	1	1	019033
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Parallel guide

**Appropriate for** GKS 18 V; GKS 24 V Professional PKS 40; PKS 46; PKS 54; PKS 54 CE; PKS 66; PKS 66 CE

-	2 608 005 018	PC1c	1	1	055512
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Guide rail FSN 70

Pair of G-clamps not included

**Appropriate for** GKS 18 V; GKS 24 V; GKS 55; GKS 55 CE; GKS 65; GKS 65 CE; GKS 66 CE; GKS 68 B; GKS 68 BC; GKS 85; GMF 1400 CE; GOF 900 CE; GOF 1300 CE; GOF 2000 CE; GUF 4-22 A Professional; PKS 40; PKS 54; PKS 54 CE; PKS 66; PKS 66 CE; POF 1200 AE; POF 1400 ACE

700	2 602 317 030	C0a	1	1	087186
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Guide rail FSN 140

Pair of G-clamps not included

(rubber lip as spare part 2 601 010 044)

**Appropriate for** GKS 18 V; GKS 24 V; GKS 55; GKS 55 CE; GKS 65; GKS 65 CE; GKS 66 CE; GKS 68 B; GKS 68 BC; GKS 85; GMF 1400 CE; GOF 900 CE; GOF 1300 CE; GOF 2000 CE; GUF 4-22 A Professional; PKS 40; PKS 54; PKS 54 CE; PKS 66; PKS 66 CE; POF 1200 AE; POF 1400 ACE

1400	2 602 317 031	C0a	1	1	087193
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Connector for guide rails FSN 70, FSN 140

-	1 602 319 003	P0b	1	1	024181
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**Accessories for handheld circular saws**



Product properties	Length mm	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
Pair of G-clamps for FSN 70, FSN 140	-	<b>2 608 000 426</b>	P0b	2	1	509268

Glide shoe for guide rail  
 Glide shoe **not appropriate for** GKS 55 (0 601 664 0..); GKS 55 CE (0 601 664 7..);  
 GKS 65 (0 601 667 0..); GKS 65 CE Professional (0 601 668 7..)  
**Appropriate for** GKS 55 (0 601 567 1..); GKS 65 (0 601 568 1..);  
 GKS 66 CE Professional (0 601 568 7..)



-	<b>1 608 000 114</b>	PC1c	1	1	019590
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Adapter for guide rail  
**Appropriate for** GKS 18 V; GKS 24 V; GKS 36 V-LI; GKS 54 C; GKS 54 CE; GKS 55; GKS 55 CE;  
 GKS 65; GKS 65 CE; GKS 66 C; GKS 85; GKS 160 Professional; PKS 14 V; PKS 40; PKS 46;  
 PKS 54; PKS 54 CE; PKS 55; PKS 65; PKS 66; PKS 66 CE



-	<b>2 607 001 375</b>	C0a	1	1	229852
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**Accessories for benchtop circular saws**



Nylon carrying bag  
**Appropriate for** GCM 10; GKG 24 V Professional

-	<b>2 605 439 019</b>	P0b	1	1	274081
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Vertical quick-action holder  
**Appropriate for** GCM 8 S; GCM 10; GCM 10 S; GCM 10 SD; GCM 12; GCM 12 SD; GKG 24 V;  
 GTM 12 Professional

-	<b>2 608 040 205</b>	C0a	1	1	274043
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Vertical quick-action holder  
**Appropriate for** PCM 8 S; PCM 10

-	<b>2 607 001 965</b>	C0a	1	1	422550
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Horizontal quick-action clamp  
**Appropriate for** GCM 10 SD; GCM 12 SD Professional

-	<b>2 608 040 236</b>	C0a	1	1	334839
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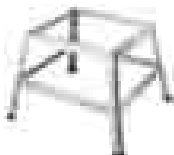
Fold-away sub-frame  
 Outer dimensions LxWxH: 810x820x590 mm; Support surface: 665x605 mm  
**Appropriate for** GTS 10 Professional

<b>735</b>	<b>2 607 001 912</b>	C0a	1	1	316194
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Sub-frame  
 Outer dimensions LxWxH: 880x640x860 mm; Support surface: 550x320 mm  
**Appropriate for** PCM 8 S; PCM 10

-	<b>2 607 001 964</b>	C0a	1	1	422543
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Sub-frame  
 Outer dimensions LxWxH: 810x750x590 mm; Support surface: 600x520 mm  
**Appropriate for** PTS 10





-	<b>2 607 001 967</b>	C0a	1	1	422574
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Order quantity for a part number in pieces = Sales package quantity x despatch package quantity  
 Order quantities must match the specified increments of the despatch package quantity (e.g. 5 -> 10 -> 15).

## Accessories for benchtop circular saws

	Length mm	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
Product properties	Ordering information					
 Insert plate <b>Appropriate for</b> GCM 10; GKG 24 V Professional	-	<b>2 607 960 014</b>	P0b	1	1	274050
 Insert plate <b>Appropriate for</b> GCM 12 Professional	-	<b>2 607 960 015</b>	P0b	1	1	316224
 Insert plate <b>Appropriate for</b> GCM 10 S Professional	-	<b>2 607 960 019</b>	P0b	1	1	317238
 Insert plate <b>Appropriate for</b> GCM 10 SD Professional	-	<b>2 607 960 021</b>	P0b	1	1	334808
 Insert plate <b>Appropriate for</b> GCM 12 SD Professional	-	<b>2 607 960 020</b>	P0b	1	1	334792
 Push stick <b>Appropriate for</b> GTS 10 Professional	-	<b>2 607 001 914</b>	P1b	1	1	316361
 2-piece table extension <b>Appropriate for</b> GCM 10; GCM 10 S; GCM 12; GKG 24 V; GTM 12 Professional; PCM 10	<b>356</b>	<b>2 607 001 911</b>	C0a	2	1	316187
2-piece table extension Right and left Dimensions LxWxH: 380x100x45 mm For working on short tables <b>Appropriate for</b> PCM 8 S	<b>380</b>	<b>2 607 001 978</b>	C0a	2	1	443036
Extension rods <b>Appropriate for</b> GCM 10 SD; GCM 12 SD Professional	-	<b>2 607 001 956</b>	C0a	4	1	334778
 Dust extraction adapter <b>Appropriate for</b> GCM 12 Professional	-	<b>2 600 499 070</b>	P0b	1	1	316217
 Dust extraction adapter <b>Appropriate for</b> GCM 10 S Professional	-	<b>2 600 499 071</b>	P0b	1	1	316316
 Dust bag for mitre saws <b>Appropriate for</b> GCM 8 S; GTM 12 Professional; PCM 8 S	-	<b>2 605 411 222</b>	P1d	1	1	422529

Accessories for benchtop circular saws

	Length mm	Part number	Packaging type	Sales package quantity	Despatch package qty	Barcode 3165140...
						
<b>Product properties</b>		<b>Ordering information</b>				
Dust extraction adapter						
<b>Appropriate for</b> GCM 10; GKG 24 V Professional						
	-	<b>2 608 601 171</b>	P0b	1	1	274074
						
Dust bag						
<b>Appropriate for</b> GCM 10 S; GCM 12 Professional						
	-	<b>2 605 411 204</b>	P0b	1	1	316231
						
Dust bag for mitre saws						
<b>Appropriate for</b> GCM 10; GKG 24 V Professional						
	-	<b>2 605 411 187</b>	P0b	1	1	274067
Dust bag with adapter						
<b>Appropriate for</b> GCM 10 SD Professional						
	-	<b>2 605 411 212</b>	P0b	1	1	334822
Dust bag with adapter						
<b>Appropriate for</b> GCM 12 SD Professional						
	-	<b>2 605 411 211</b>	P0b	1	1	334815
						
Dust bag						
<b>Appropriate for</b> GTS 10 Professional						
	-	<b>2 605 411 205</b>	P0b	1	1	316248
Angle guide						
<b>Appropriate for</b> GTM 12 SD Professional						
	-	<b>2 608 005 130</b>	C1a	1	1	479578
Parallel guide						
<b>Appropriate for</b> GTM 12 SD Professional						
	-	<b>2 608 005 131</b>	C1a	1	1	479585

# Accessories for work safety

## Protective goggles

Product properties	Ordering information
	Tested to Part number Packaging type Sales package quantity Despatch package qty Barcode 3163140...



### Full protection goggles

With indirect ventilation and mist-free, colourless plastic lens. Protect against strong knocks, large dust particles and liquid. Also suitable for spectacle wearers.

EN 166	2 607 990 037	P1d	1	1	093668
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### Collapsible welding goggles

With indirect ventilation. Athermal welding goggles, protection class 5A1. For autogeneous, inert gas welding, plasma welding and hard soldering. Suitable for sanding, polishing, routing and drilling work. Also suitable for spectacle wearers. Not suitable for working with lasers!

EN 166	2 607 990 038	P1d	1	1	093675
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### Protective goggles

Fully transparent, can be worn over glasses.

EN 166	2 607 990 041	P1d	1	1	093705
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### Full face protection goggles

To be used especially with chainsaws.

-	2 607 990 045	-	1	1	093743
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## Protective masks



### Fine dust mask

Protects against non-toxic fine dust, for use by do-it-yourselfers, for work such as drilling, chiselling and cutting. Unsuitable protection against poisonous gases and vapours!

EN 149 FF P1	2 607 990 032	P1d	2	1	093613
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### Fine dust mask

Protects against low level poisonous particles, fine dust, grinding dust when sanding wood and concrete; e.g. dust from sanding paint. Same as class FF P1 but with a higher degree of protection.

EN 149 FF P2	2 607 990 034	P1d	2	1	093637
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### Fine dust/odour mask

For low level poisonous particles, foul organic smells and particles (paint spray mask). With exhalation valve for easier breathing. With integrated activated charcoal filter for reduction of smells.

EN 149 FF P2	2 607 990 036	P1d	2	1	093651
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## Ear protectors

Product properties	Ordering information
	<i>Tested to</i> <i>Part number</i> <i>Packaging type</i> <i>Sales package quantity</i> <i>Despatch package qty</i> <i>Barcode 3165140...</i>



Ear protectors  
 Soundproofing level 19 dB (A)  
 Adjustable plastic bar. All parts washable. L rate 14 dB, M rate 20 dB, H rate 27 dB,  
 SNR rate 23 dB

EN 352	2 607 990 042	P1d	1	1	093712
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Ear protectors  
 Soundproofing level 24 dB (A)  
 Folding, padded, adjustable head bar. L rate 17 dB, M rate 25 dB, H rate 32 dB,  
 SNR rate 28 dB

EN 352	2 607 990 043	P1d	1	1	093729
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Ear plugs  
 In plastic box. L rate 31 dB, M rate 32 dB, H rate 32 dB, SNR rate 34 dB

EN 352	2 607 990 044	P1d	10	1	093736
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## Protective gloves

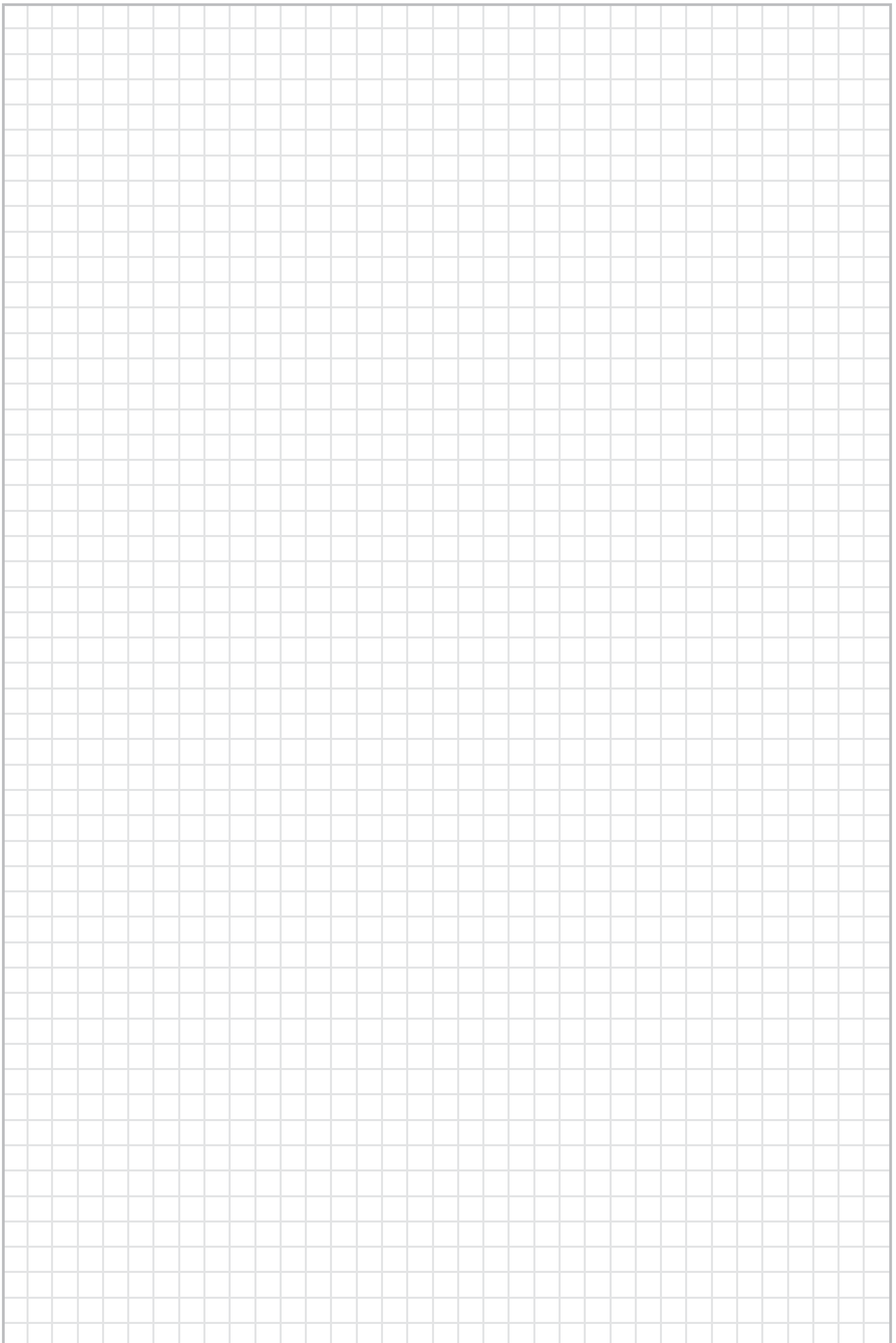
► Hands also need to be protected, e.g. stones can become missiles during breaking work.

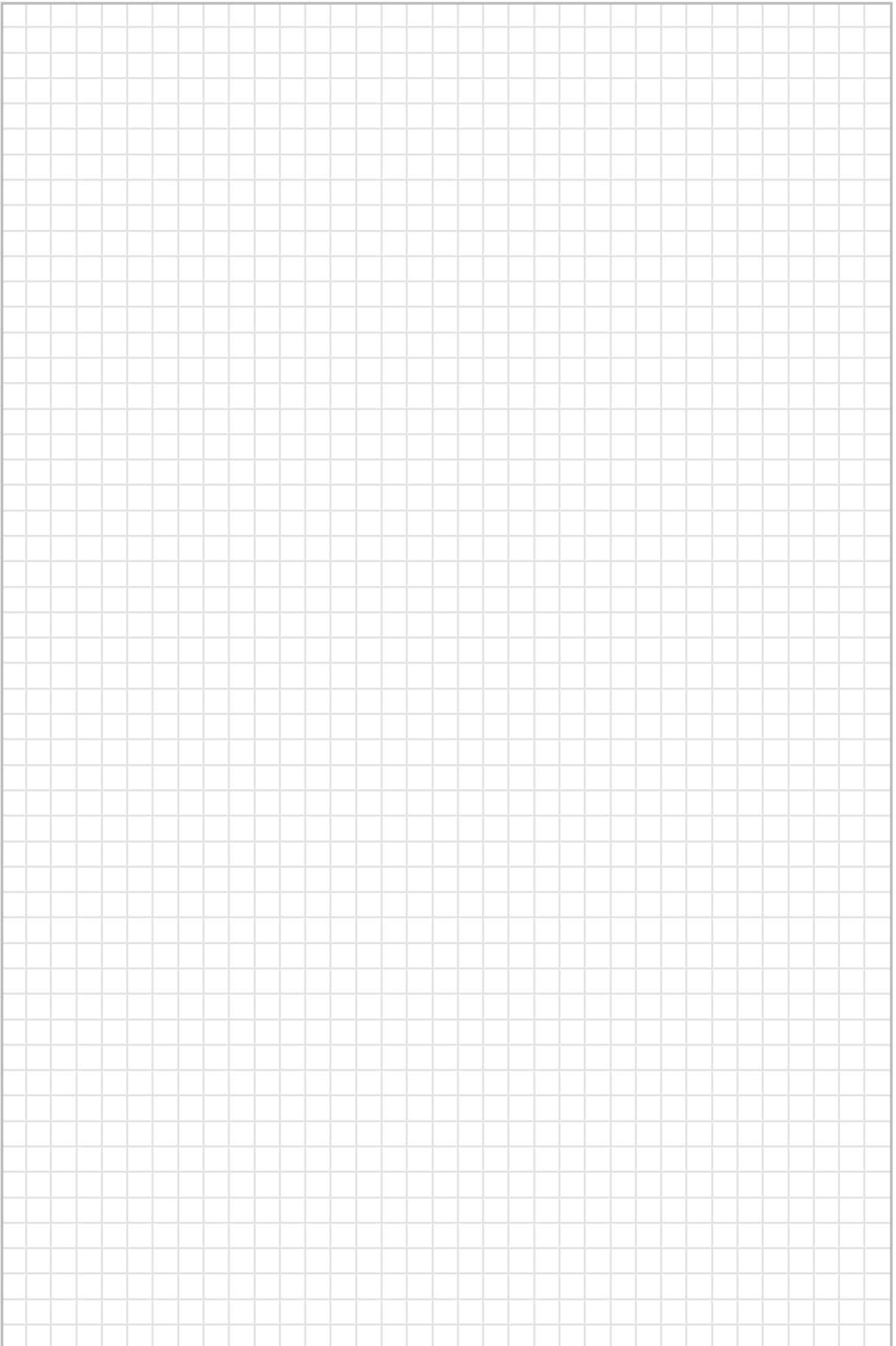
Product properties	Ordering information
	<i>Part number</i> <i>Packaging type</i> <i>Sales package quantity</i> <i>Despatch package qty</i> <i>Barcode 3165140...</i>

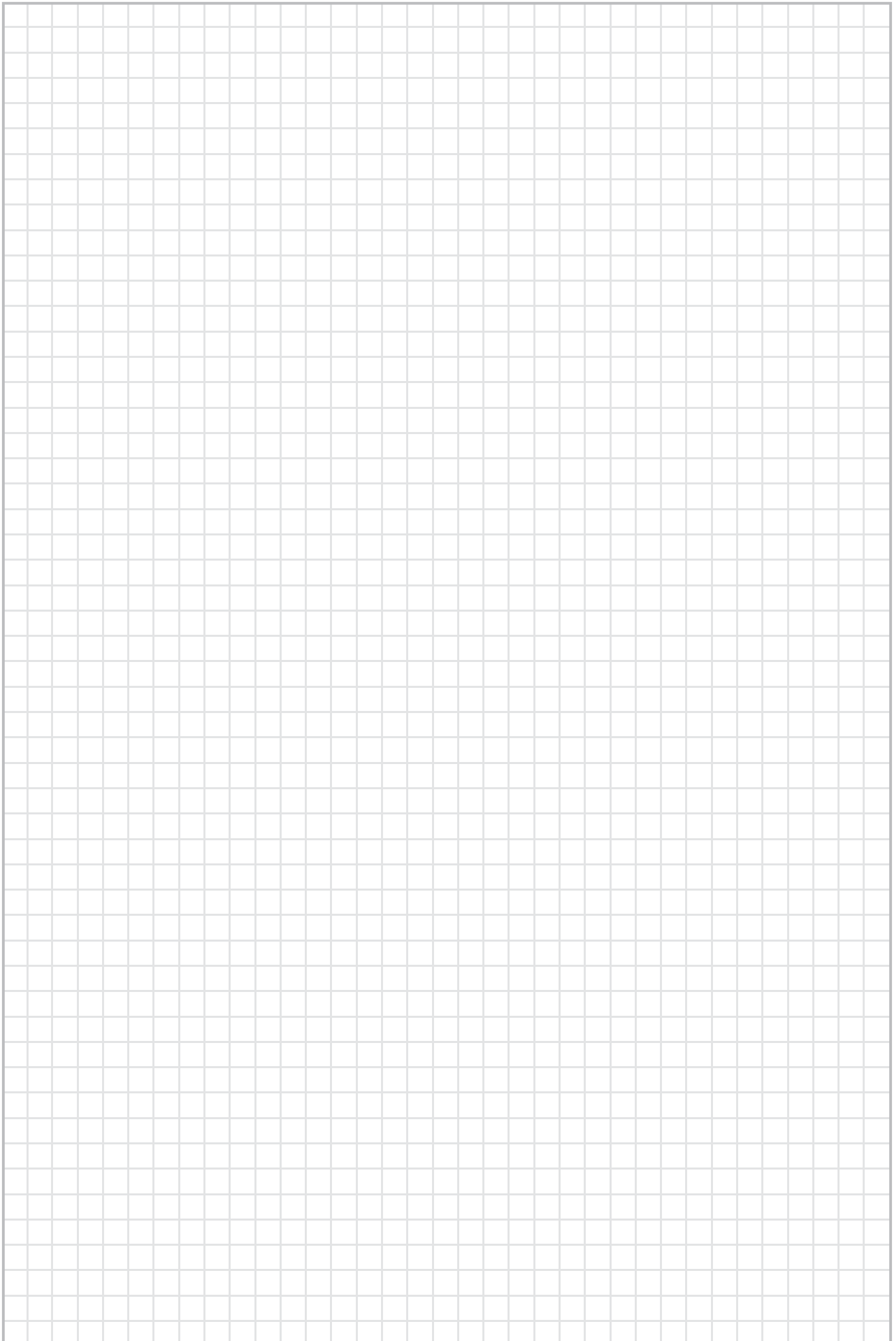


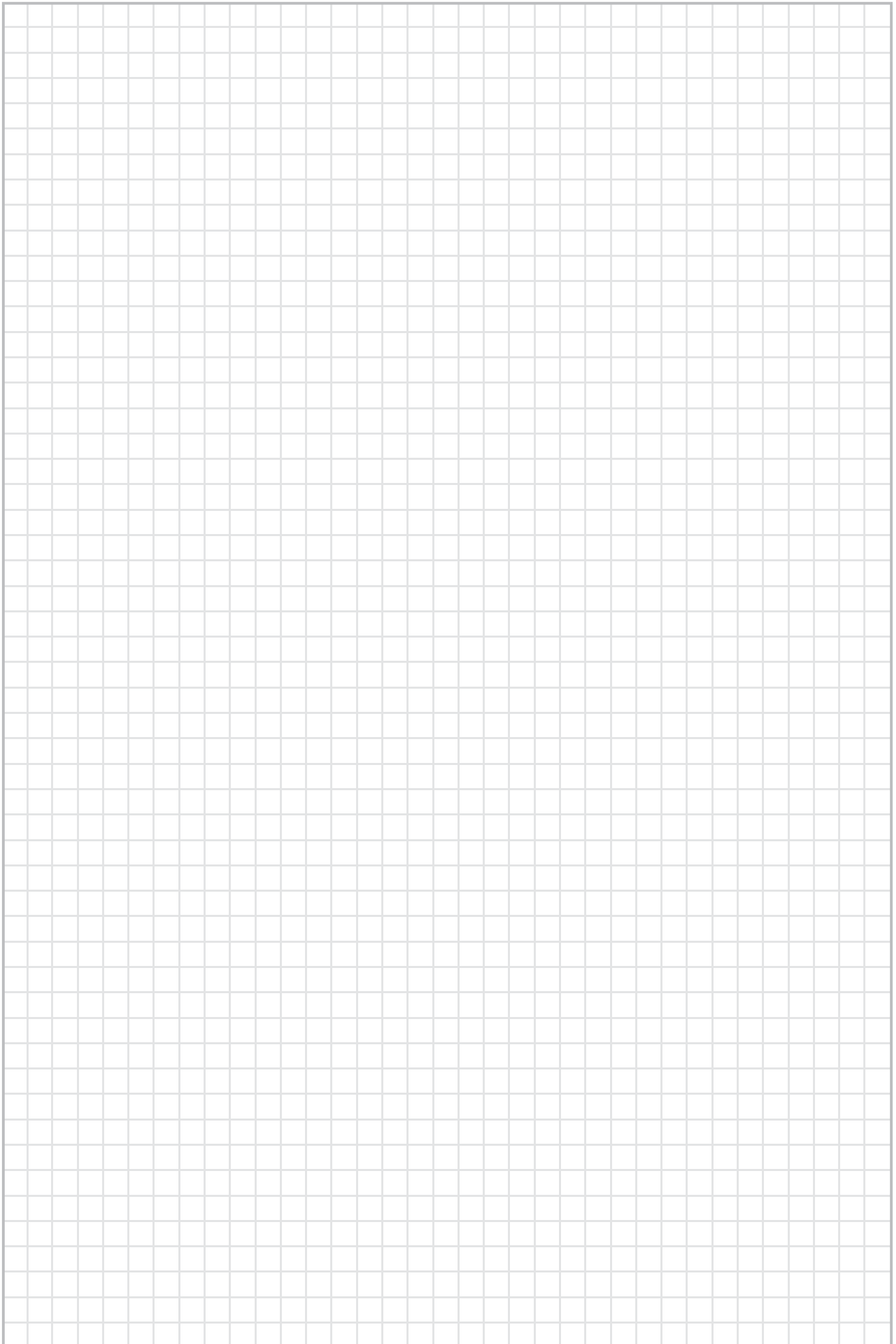
Protective gloves  
 Made of grey cowhide leather, leather thickness 1.2 mm, back of hand made of twisted cotton,  
 finger nail, wrist and pulse protection, sewn-in rubber insert, plastic-coated twisted sleeve,  
 inside palm lining, length 26 cm, men standard size 10.

	2 607 000 134	P1d	1	1	017954
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# Packaging

that holds clear information

## Packaging made of paper, cardboard or corrugated board (**C**ardboard)



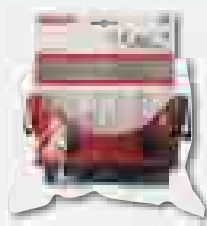
**C0a** Box without Euro hole

**C1a** Box with Euro hole

**C2a** Box with other type of suspension

**C1c** Pouch with Euro hole

## Plastic packaging (**P**lastic)



**P0b** Bag without Euro hole

**P1b** Bag with Euro hole

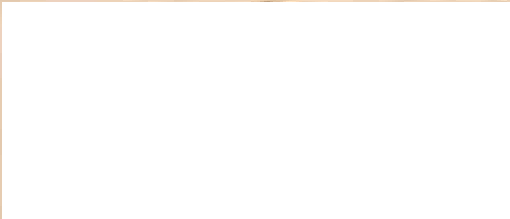
**P1d** Bag with tab card and Euro hole

## Combined plastic/cardboard packaging (**P**lastic and **C**ardboard)



**PC1c** Shrink-wrapped carton with Euro hole





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