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Bosch: Focusing on precision.

The circular saw blade range.



Bosch Power Tools
Accessory Business Unit
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Switzerland
www.bosch-pt.com



BOSCH
Invented for life

Circular sawing, routing



BOSCH
Invented for life

Accessory range

Overview

Innovative and efficient products ensure successful sales. The research and development departments at Bosch work to continuously develop and optimise accessories in line with the needs of professionals.



The metal drill bit range

Metal and wood drilling
Accessories for screwdriving
Machine accessories
Cordless working
Work safety



The circular saw blade range

Circular sawing
Routing



The concrete and masonry range

Hammer drilling
Masonry drilling
Chiselling



The jigsaw blade range

Jigsawing
Sabre sawing
Multi-cutters
Holesawing



The diamond accessory range

Diamond cutting
Diamond grinding heads
Diamond drilling



The abrasives range

Sanding and polishing
Cutting and grinding
Brushing

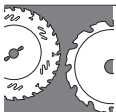


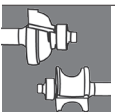

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This number connects you to the Bosch customer service team. It is there to answer your queries regarding technical matters and for quick and user friendly customer service. Outside office hours an answer phone will take your message.

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Best
★★★★

Expert
★★★★

Standard
★★★



Expert
★★★★

Standard
★★★



Packaging information system

Technical information / Applications

Material / Machines



Hand-held circular saw



Table saw



Horizontal panel sizing saw



Vertical panel sizing saw



Mitre saw



Hand Dry Cutter



Mitre Dry Cutter

Features



microteQ



cleanteQ



stabiliteQ



proteQtion



Silent



Precise



Razor Technology



Dura Technology



Vibration Control

Benefits



For effortless cuts



Clean cut



Very clean cut



Long lifetime



Very long lifetime



Clean cuts over the entire lifetime

Safety



Wear protective glasses



Wear dust mask



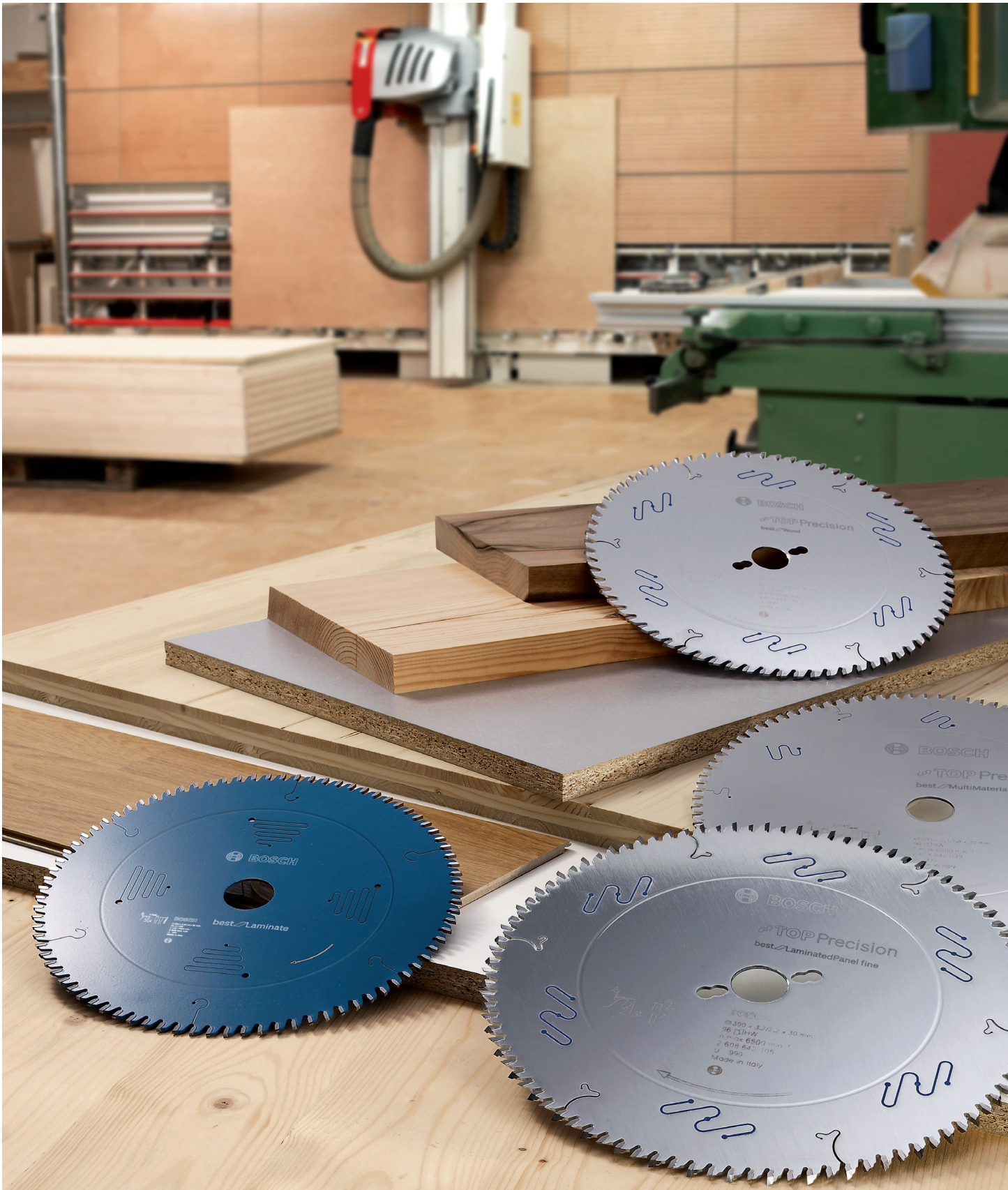
Wear ear protectors

A close-up, low-angle shot of a circular saw blade. The blade is metallic and features a series of sharp, pointed teeth along its edge. A blue logo is visible on the side of the blade. The background is a soft, out-of-focus grey.

Circular sawing

Circular saw blades from Bosch:

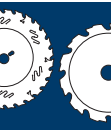
Top quality for perfect cuts





Innovative and customised manufacturing – made in Italy. The North Italy based company, Freud, has been part of the Bosch Group since 2009 and is a leading manufacturer and retailer of industrial quality circular saw blades. The company has a tradition of developing and manufacturing high-performance circular saw blades that stretches back more than 40 years.

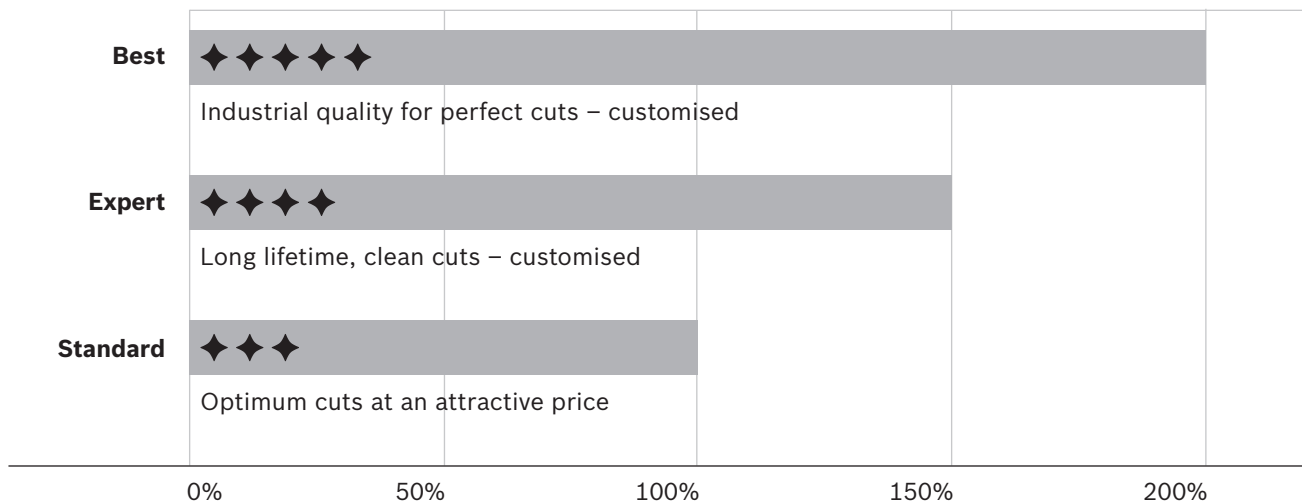
This expertise has enabled us to become a leading manufacturer of top-quality circular saw blades. We constantly monitor our users' needs and anticipate trends in applications and materials. Our primary motivation is to satisfy our customers and provide new solutions. This expertise, coupled with a fully integrated production process and constant research into new materials and machinery, increases the knowledge base for designing innovative circular saw blades and for delivering perfect solutions. The application-oriented range structure and clearly labelled packaging make it easy for professionals to select the correct circular saw blades for their specific application. From circular saw blades for stationary machines to mitre saws: we offer the complete range of circular saw blades that professionals demand.






















For efficient working with top results: the complete circular saw blade range

The range's performance categories

Cutting performance*



* Cutting performance = Cut quality and lifetime



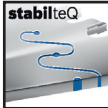



	Best ★★★★★	Expert ★★★★	Standard ★★★
	Page 18	Page 32	Page 42
	best  Wood	expert  Wood	 
			
	best  LaminatedPanel abrasive best  LaminatedPanel fine	expert  LaminatedPanel	
	best  MultiMaterial	expert  MultiMaterial	
			
	best  Laminate		

Precision is our goal – customised for our customers

We always focus on the best cutting result. Not only is every single tooth manufactured in our plant – we also produce our own carbide powders. Customised for every application.








Best ◆◆◆◆◆ Cutting-edge technology for exceptional precision

FEATURES				CUSTOMER BENEFIT	
					
Unique carbide teeth made with next generation Microteq technology	Protective Cleanteq coating	Polyurethane-filled Stabilteq anti-vibration slots	Protection coating*	For extra-long lifetime	For extra-perfect and geometrically precise cuts



* Only on Best for Laminate circular saw blades.

Expert ◆◆◆◆

FEATURES		CUSTOMER BENEFIT		
For mitre, sliding mitre and table saws				
Sawing without resistance.				
				
Razor Technology teeth	Protection coating	For effortless cuts	For clean cuts	For long lifetime

For panel sizing and table saws






Every cut just like the first.

		
Dura Technology teeth	For clean cuts over the entire lifetime of the circular saw blade	For long lifetime

The perfect blade for every application









Best ◆◆◆◆◆

Industrial quality for perfect cuts – customised










best  Wood	best  LaminatedPanel abrasive	best  LaminatedPanel fine	best  MultiMaterial	best  Laminate
Wood	Composites		Multi material	Laminate flooring

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




Wood materials

 Softwood, fine cross cut	●			○	
 Softwood, coarse rip and cross cut	●			○	
 Wooden beam	○			○	
 Hardwood, fine cross cut	●			○	
 Hard wood, fine cross and rip cut	●				
 Hard wood, coarse cross and rip cut	●				
 Construction timber with nails and concrete residues					
 Construction timber					

Composites

 Formwork boards					
 Chipboard (raw), acoustic panels, lightweight building panels	●	●	●	●	
 Abrasive panel materials coated on one or two sides – Hard coating	○	●	○	○	
 Panel materials, veneered laminate, thin chipboards	○	○	●	○	
 Composite material	●			○	
 Pressed laminated wood, plywood	●				
 Fibre materials, MDF, OSB/MDF composite panels	●				
 Wood core plywood	●			○	
 Laminate flooring, parquet	○			○	●




Other materials

 Aerated concrete					
 Plastics, epoxy				●	
 Non-ferrous metals, aluminium, brass, copper				●	
 Pipes, profiles, bars					
 Sheet metals, angle iron, cable ducts					

● especially suitable ○ suitable

Expert ◆◆◆◆






Long lifetime, clean cuts – customised

expert  Wood	expert  LaminatedPanel	expert  MultiMaterial
Wood	Composites	Multi material

Page 34	Page 40	Page 36
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Standard ◆◆◆◆

Optimum cuts at an attractive price

 OptilineWOOD	 SpeedlineWOOD	 ConstructWOOD	 MultiMaterial	 ConstructMETAL
Wood	Quick cuts in wood	Construction timber	Multi material	Steel

Page 44	Page 49	Page 55	Page 52	Page 58
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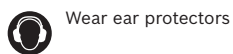
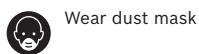
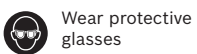
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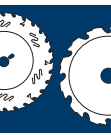
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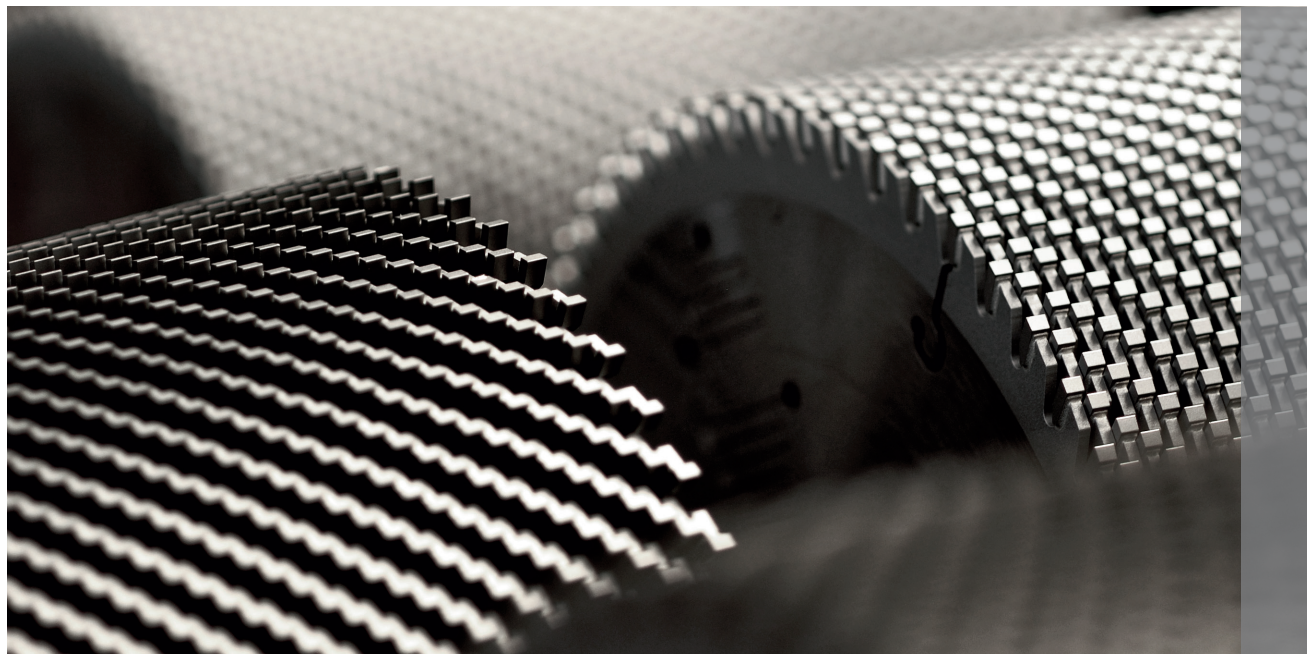


You will find a comprehensive range of protective glasses, dust masks, etc. in Segment Catalogue No. 1 starting on page 309



Customised carbide blends

for high-performance teeth and outstanding cut quality



Leader in carbide technology

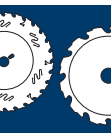
At our carbide plant in Italy, we oversee the manufacturing process of carbide production from A to Z.

We are the only manufacturer who produces its own carbide powders. Using a precise mixture of cobalt (for impact resistance), titanium (for its anticorrosive properties) and tungsten (for its hardness), we create different blends that are specifically designed to maximise blade life and material finish.

One of the different blends of grain we produce are 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 a maximum of 1 micron.

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 the 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.

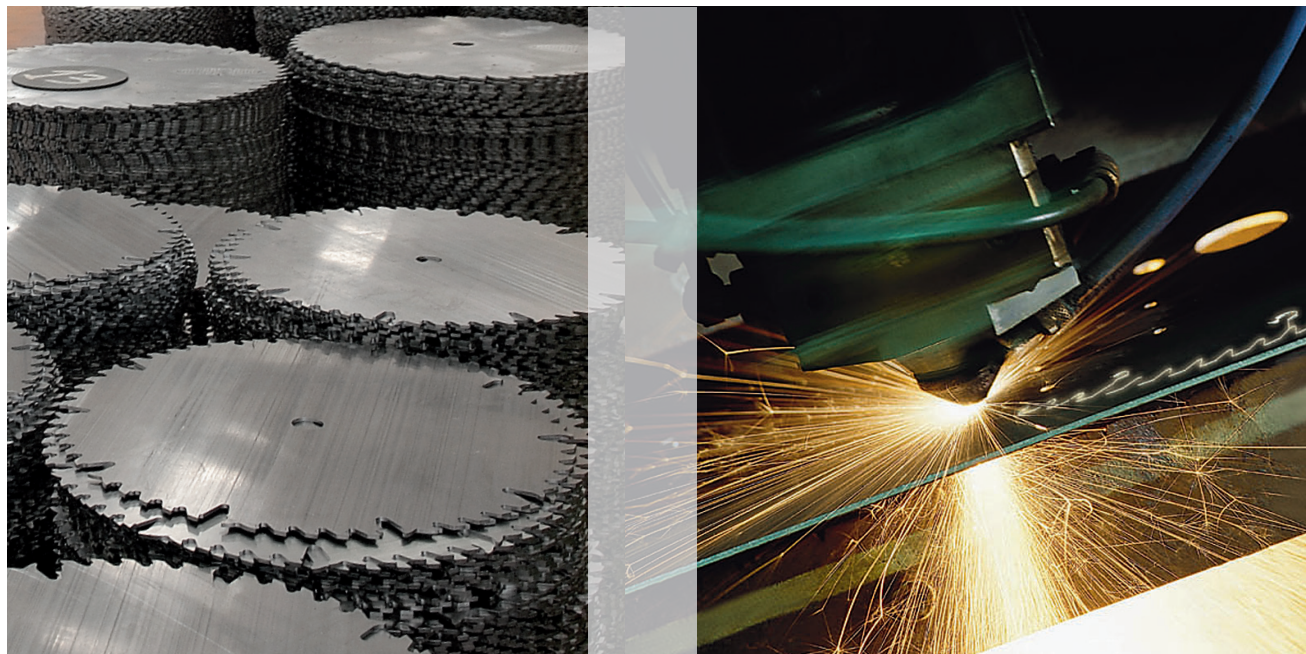
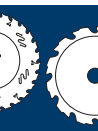
Leader in research and development

Our modern research and development 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 – Stringent controls are performed at every production step

Freud has achieved ISO 9001:2008 certification for supplying carbide-tipped saw blades and carbide components. All our circular saw blades are manufactured according to EN 847-1 and DIN 5134.





Premium steel

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

Advantages:

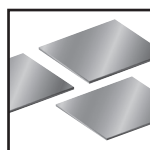
- ▶ Precise and very long lifetime

Laser-cut saw blade bodies

All saw blade bodies are produced exclusively from laser-cut premium steel plates. Unlike the standard die-pressing method, laser cutting guarantees higher accuracy, without either stressing the steel or warping the blade.

Advantages:

- ▶ Precise and no warping





Computer-controlled balancing

Every individual blade undergoes an automatic, computer-controlled balancing process. This ensures weight is distributed equally across the body of the blade to prevent damaging vibration. In a non-balanced blade the weight is distributed unevenly across its body, which can cause vibration and lead to less precise cuts.

Advantages:

- ▶ Accurate and quiet

Laser-cut expansion slots

The rotation of standard circular saw blades generates heat, which may result in the blade expanding and warping. The geometry of our laser-cut expansion slots has been designed to prevent any damaging stress and warping. The saw blade remains perfectly flat. The slot's special design also ensures reduced noise levels.

Advantages:

- ▶ Accurate and quiet



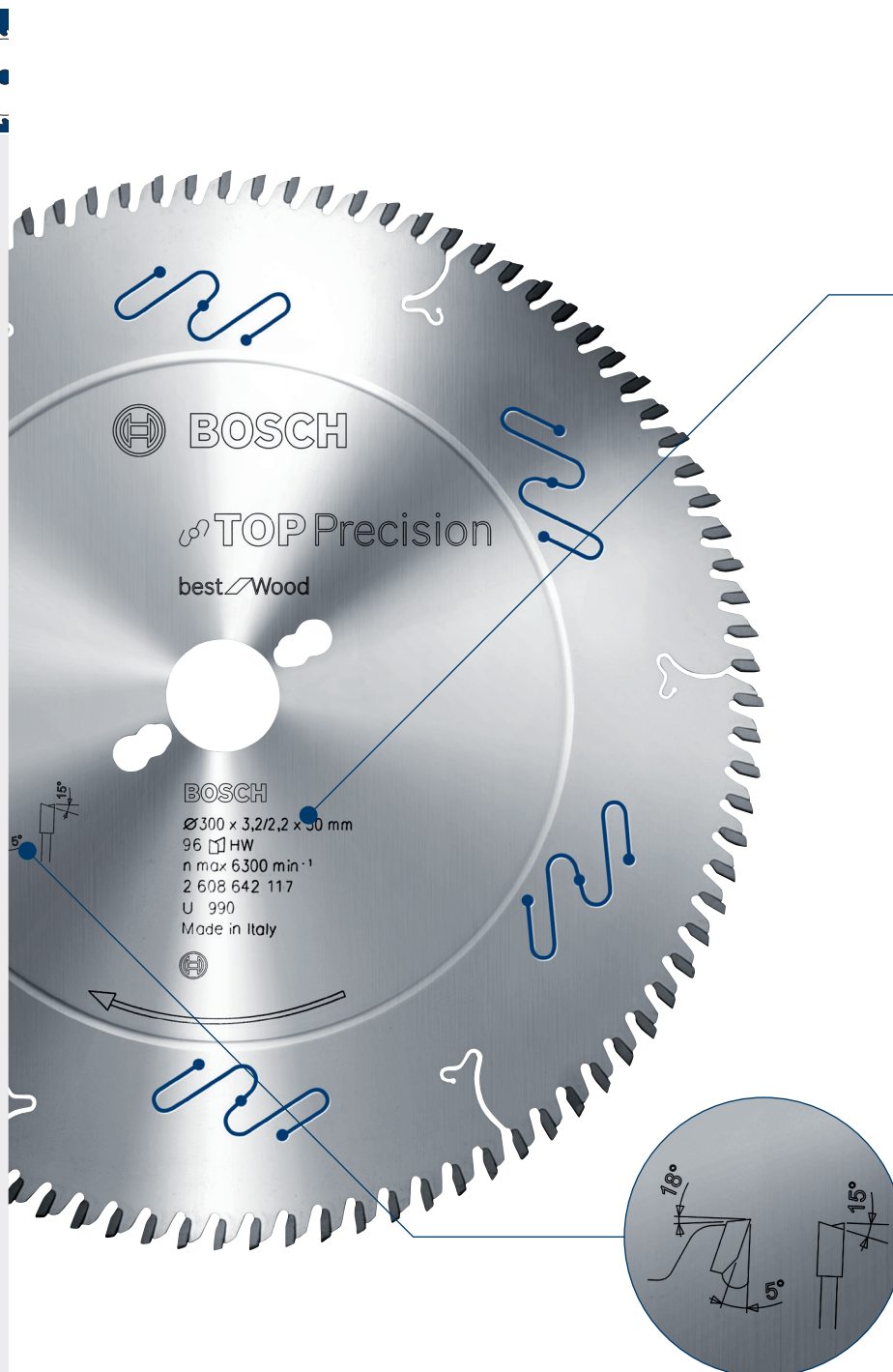
Tensioning ring

A specially rolled-in tensioning ring makes the saw blade more rigid. The reduced vibration improves the finish and prevents rip out. Every blade is individually pretensioned.

Advantages:

- ▶ Accurate and quiet

Permanent product information on the circular saw blade



Resharpener made easy!

All our circular saw blades are laser-marked with:

- ▶ A tooth geometry diagram
- ▶ Information about: hook angle, relief angle, ATB angle or chamfer angles, height difference between teeth (for HLTCC or DH tooth geometry).

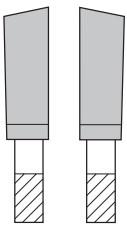
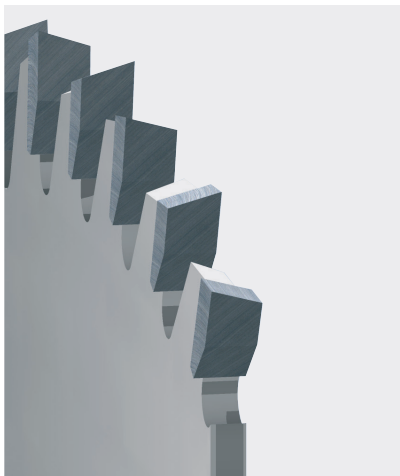
This permanently marked information allows professional resharpeners to resharpen the blade safely in accordance with original blade specifications, to ensure an outstanding cutting result and increase the blade's working life

Permanent marking

Clearly visible, permanent product information on the circular saw blade makes it quick and easy to identify for a follow-up purchase. The manufacturing site and date are laser etched on the blade to ensure it can always be traced back to source.

The perfect tooth

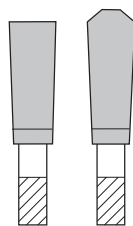
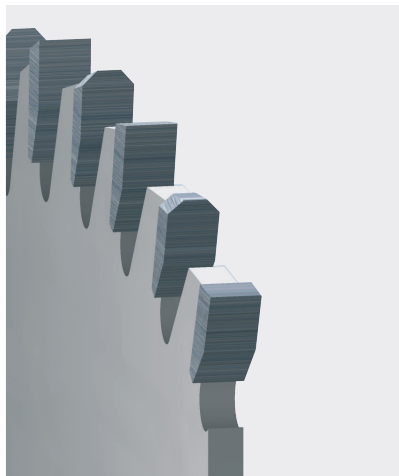
for every application



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 cuts and cross cuts.

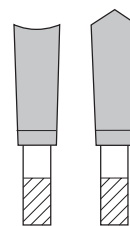
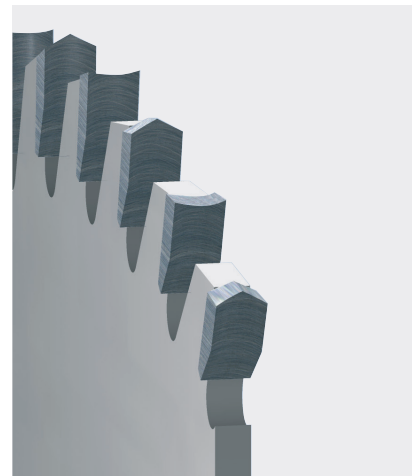


HLTCG:

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.

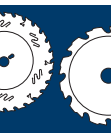
- ▶ Suitable for universal use in profiles and solid materials: chipboard, soft and hard wood, panel materials (coated on one or two sides), plastics, non-ferrous metals, brass, copper.



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 Best range

Cutting-edge technology for exceptional precision

Best
◆◆◆◆◆



The Top Precision products

from the Best range – for perfect cuts

Advantages of Top Precision:

- ▶ **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



TOP Precision



best TOP Wood

Perfect, clean cuts in all wood materials.

Ideal for horizontal and vertical panel sizing saws, table saws, mitre saws and sliding mitre saws as well as plunge and hand-held circular saws.



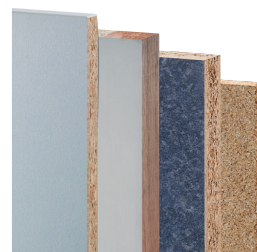
Page 22



best TOP LaminatedPanel abrasive best TOP LaminatedPanel 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.



Page 25



best TOP 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 as well as plunge and hand-held circular saws.



Page 28

The Top Precision products

for outstanding cut quality



Microteq

We are not satisfied by simply manufacturing each and every tooth at our own plant; as the key to achieving a perfect carbide is the mixture, we also manufacture our own carbide powders.

- ▶ We produce extremely fine powders in-house, every carbide grain measuring from less than 1 micron down to 0.8 microns. This dense, compact carbide reduces the abrasion of the cutting edge to significantly improve the cut quality and prolong the blade's lifetime.
- ▶ We have selected the best Microteq blend to provide a tailored solution for every material property, no matter whether it is solid wood, composites, or non-ferrous metals and plastics.
- ▶ By adding titanium carbide, the tooth is further shielded against chemical attacks from the resins and glues contained in wood and woodworking materials.



Cleanteq coating

Cleanteq is a special coating that fully protects the entire saw blade. The Cleanteq coating minimises the build-up or adhesion 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 have a Cleanteq coating.



Stabilteq. Polyurethane-filled anti-vibration slots

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, patented feature, which is one of our secrets for the highest blade quality.

Advantages:

- ▶ Extra-clean, no corrosion and very long lifetime

Advantages:

- ▶ Accurate and quiet

Best for Laminate:

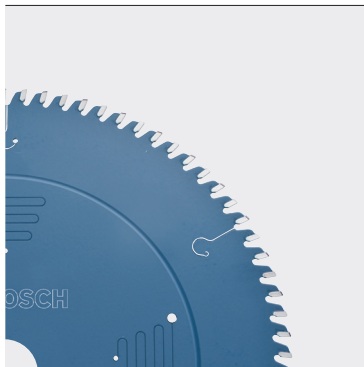
for a particularly long life in laminate flooring

Advantages of Best for Laminate:

- ▶ **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



Best



best ^{for} Laminate

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

Ideal for mitre saws and sliding mitre saws.

Page 30



Protection coating

The Protection coating considerably reduces frictional resistance on the circular saw blade during sawing, which means it has a cooling effect.

This significantly reduces the adhesion of residues, e.g. resin and glue, even in the toughest applications and also reliably protects the circular saw blade against corrosion.



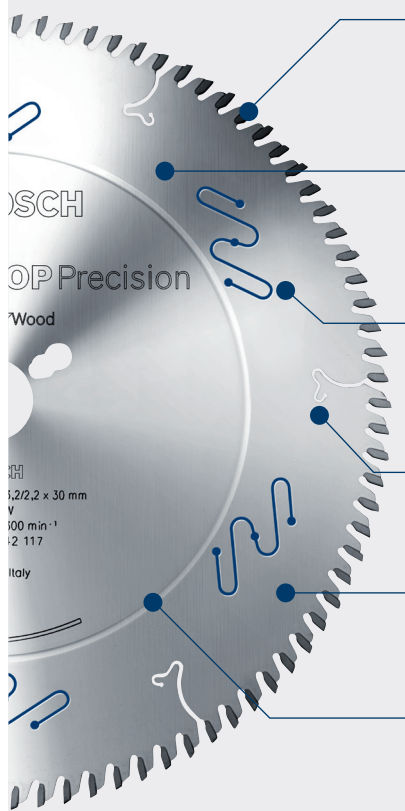
- ▶ **For extra-clean cutting results**
- ▶ **Reduces the adhesion of residues (resin, glue)**

Best for Wood

for professional woodworkers

 **TOP Precision**

Best
◆◆◆◆◆



Microteq teeth
Carbide teeth made of particularly dense carbide powder with microfine grains minimise abrasion of the cutting edge, 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: significant reduction in vibration and noise. This improves cutting precision and ease of working.

Expansion slots

Laser-cut for high blade stability and accuracy. The special design of the slot reduces 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.



Coarse cut



Fine cut



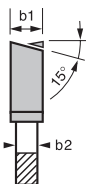
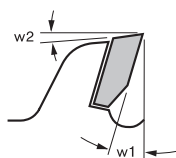
Very fine cut

Circular saw blades for plunge and hand-held circular saws



- For precise, clean and quiet cuts in all types of wood with plunge and hand-held circular saws.

TOP Precision best for Wood



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

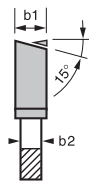
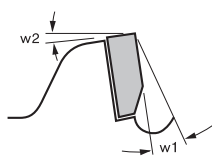
Product properties							Ordering information					
Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	Hook angle ° w1	Relief angle ° w2	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
165	20	1.8/1.3	48	ATB	●●●●	5	15	2 608 642 384	C1a	1	1	636858
165	20	1.8/1.3	20	ATB	●●	15	15	2 608 642 385	C1a	1	1	636865
165	20	1.8/1.3	32	ATB	●●●	10	15	2 608 642 386	C1a	1	1	636872

Circular saw blades for mitre saws and sliding mitre saws



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

TOP Precision best for Wood



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

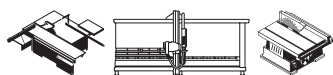
Product properties							Ordering information						
Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	Pin hole/Pitch circle diameter	Hook angle ° w1	Relief angle ° w2	Part number	Packaging type	Pack quantity	Minimum order quantity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

●●● Pack quantity (Pieces per pack)

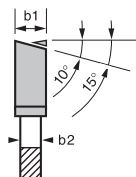
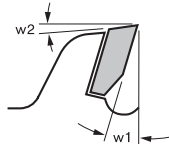
●●●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.



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		Pin hole/Pitch circle diameter		Hook angle ° w1		Relief angle ° w2		Part number		Packaging type		Pack quantity		Minimum order quantity		Barcode 3163140...			
Product properties														Ordering information															
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																

●●● Pack quantity (Pieces per pack)

●●●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Best for Laminated Panel Abrasive and Fine

in all laminated panels

TOP Precision



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 Stabiliteq

Polyurethane-filled anti-vibration slots: significant reduction in vibration and noise. This improves cutting precision and ease of working

Expansion slots

Laser-cut for high blade stability and accuracy. The special design of the slot ensures a reduced noise level.

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.



Coarse cut

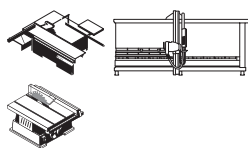


Fine cut



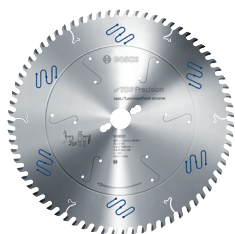
Very fine cut

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

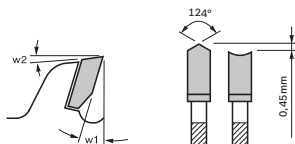


- ▶ For perfect cuts in abrasive panel materials coated on one or two sides.
DH: Scoring blade not required when used on panel sizing saws.

TOP Precision best **Laminated Panel** abrasive

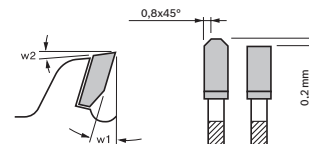


DH



w1: hook angle
w2: relief angle

HLTCG



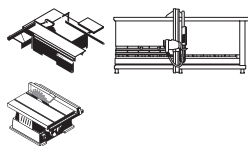
Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	Pin hole/Pitch circle diameter	Hook angle ° w1	Relief angle ° w2	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3163140...
Product properties								Ordering information					
250	30	3.2/2.2	48	DH	●●●	7/42 9/46.4 10/60	10	15	2 608 642 104	C1c	1	1	574440
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

●●● Pack quantity (Pieces per pack)

●●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

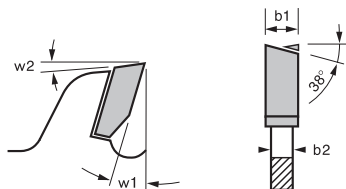


Circular saw blades for horizontal/vertical panel sizing and table saws



- ▶ 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



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		Pin hole/Pitch circle diameter		Cutting result		Hook angle ° w1		Relief angle ° w2		Part number		Packaging type		Pack quantity		Minimum order quantity		Barcode 3163140...	
Product properties														Ordering information													
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														



● Pack quantity (Pieces per pack)

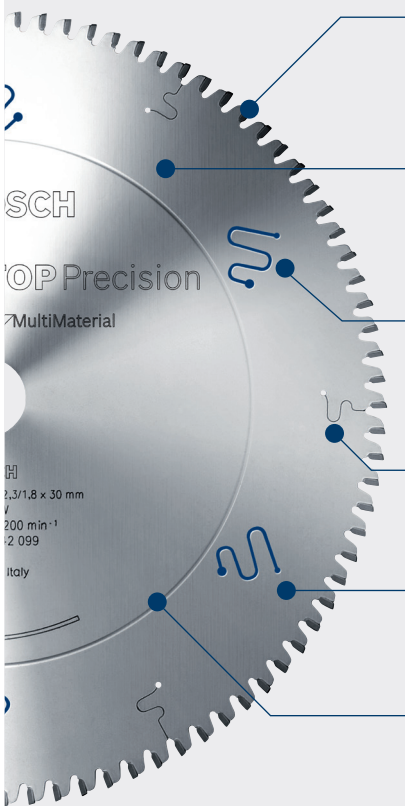
●●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Best for Multi Material

A most versatile blade

 **TOP Precision**

Best
◆◆◆◆◆



Microteq teeth
Carbide teeth made of particularly dense carbide powder with microfine grains minimise abrasion of the cutting edge, 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: significant reduction in vibration and noise. This improves cutting precision and ease of working.

Expansion slots
Laser-cut for high blade stability and accuracy. The special design of the slot reduces 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.

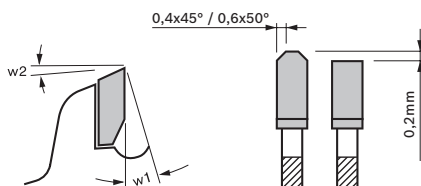


Circular saw blades for plunge and hand-held circular saws



- ▶ For excellent results in non-ferrous metals, aluminium, plastics, epoxy and wood with plunge and hand-held circular saws.

TOP Precision best **MultiMaterial**



HLTCG
w1: hook angle
w2: relief angle

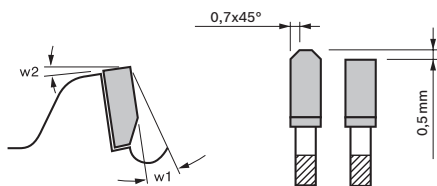
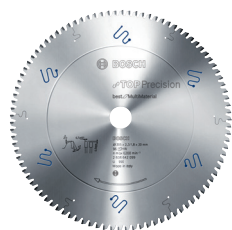
Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	Hook angle ° w1	Relief angle ° w2	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3163140...
Product properties						Ordering information						
165	20	1.8/1.3	48	HLTCG	●●●●	0	17	2 608 642 388	C1a	1	1	636896
165	20	1.8/1.3	56	HLTCG	●●●●	-5	15	2 608 642 387	C1a	1	1	636889

Circular saw blades for mitre saws and sliding mitre saws



- ▶ For excellent results in non-ferrous metals, aluminium, plastics, epoxy and wood.
- ▶ Using the universal cutting oil 2 607 001 409 increases the lifetime several times over when cutting in metal, e.g. aluminium.

TOP Precision best **MultiMaterial**




HLTCG
w1: hook angle
w2: relief angle

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



Best for Laminate

for a particularly long life in laminate flooring



Best

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

Protection 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 anti-vibration slots for particularly smooth running, considerably less noise and significantly reduced vibration.

Expansion slots
Laser-cut for high blade stability and accuracy. The special design of the slot reduces 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.

SCH

Laminate

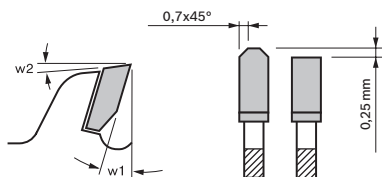


Circular saw blades for mitre saws and sliding mitre saws



► A durable blade for all types of laminate flooring.

best **Laminate**



HLTCG
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	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties							Ordering information					
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



● Pack quantity (Pieces per pack)



Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

The Expert range

Effortless, clean cuts over the entire lifetime

Expert
◆◆◆◆



The Expert range at a glance

Advantages of the Expert range:

- ▶ **Precision:** clean cuts
- ▶ **Longevity:** very good materials, very good designs and our manufacturing expertise ensure a long product life
- ▶ Effortless cuts



expert for **Wood**

Effortless, clean cuts in all wood materials.

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



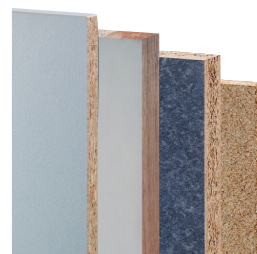
Page 34



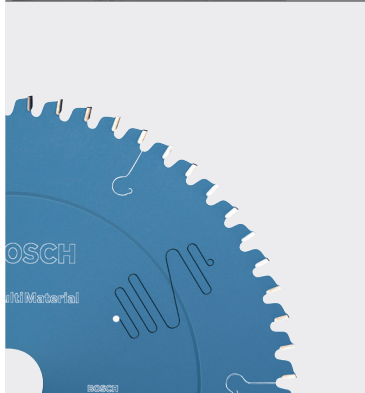
expert for **LaminatedPanel**

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.



Page 40



expert for **MultiMaterial**

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

Ideal for mitre saws and sliding mitre saws.



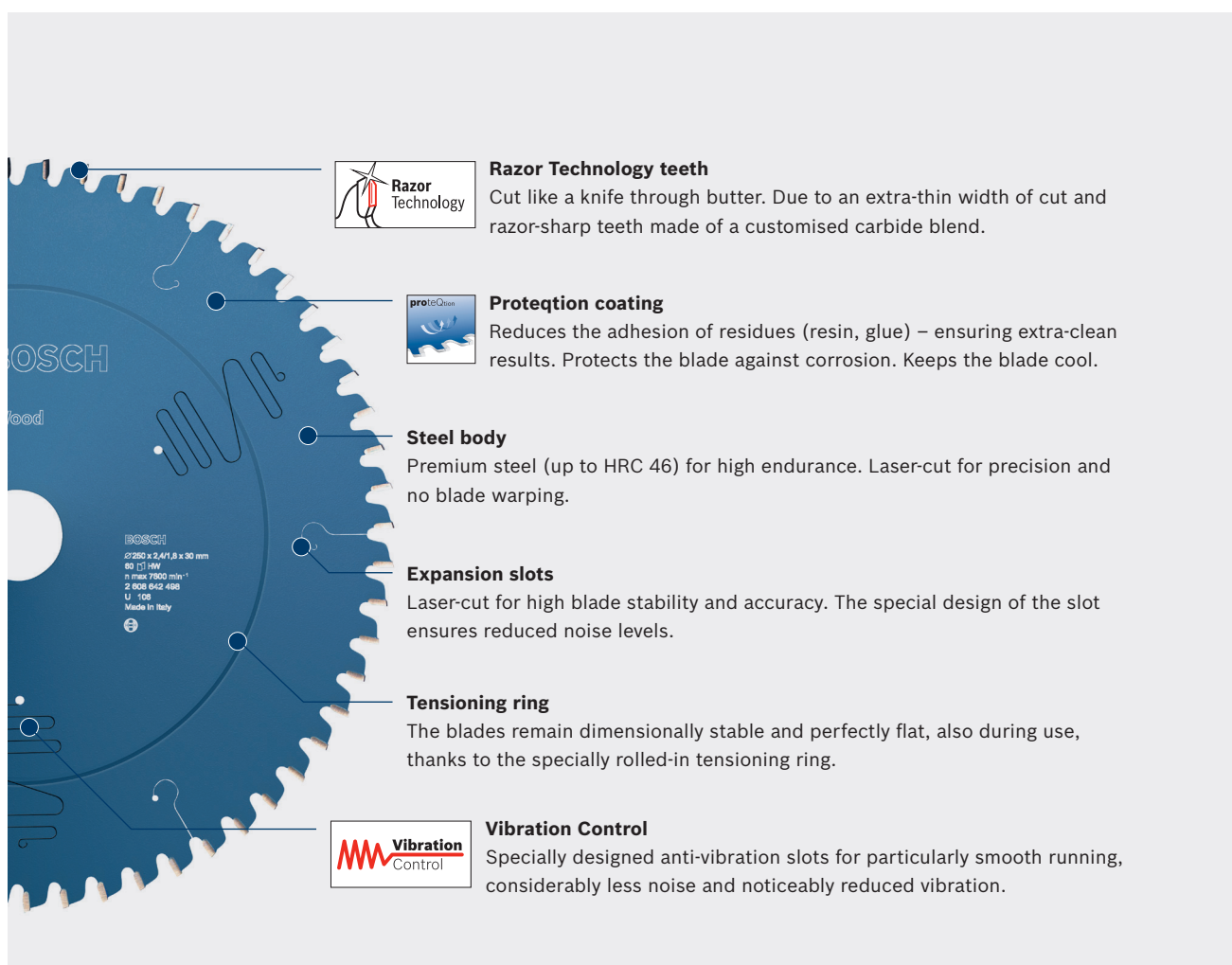
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Effortless, clean cuts

Mitre, sliding mitre and table saws

The Expert for Wood and Multi Material circular saw blades excel by delivering clean, 2.4 mm thin cuts in wood, composites, non-ferrous metals and plastics – with minimal effort. The carbide teeth, manufactured using our own customised carbide powder production, are ground to a razor-sharp finish. By adding titanium carbide, the tooth is further shielded against chemical attacks from the resins and glues contained in wood and woodworking materials. The specially rolled-in tensioning ring ensures that the circular saw blade remains dimensionally stable and perfectly flat, also during extended use. For perfect cutting results.

Expert



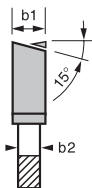
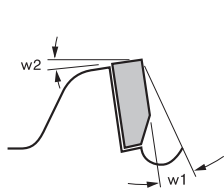
Very fine cut

Circular saw blades for mitre saws and sliding mitre saws



► Effortless, clean cuts in all types of wood.

expert **100** 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	Pin hole/pitch circle diameter	Hook angle ° w1	Relief angle ° w2	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3163140...
210	30	2.4/1.8	48	ATB ●●	-	-5	15	2 608 642 496	C1c	1	1	648219	
216	30	2.4/1.8	48	ATB ●●	-	-5	15	2 608 642 497	C1c	1	1	648226	
250	30	2.4/1.8	60	ATB ●●●	-	-5	15	2 608 642 498	C1c	1	1	648233	
254	30	2.4/1.8	60	ATB ●●●	-	-5	15	2 608 642 530	C1c	1	1	650120	
300	30	2.4/1.8	72	ATB ●●●	-	-5	15	2 608 642 499	C1c	1	1	648240	
305	30	2.4/1.8	72	ATB ●●●	-	-5	15	2 608 642 531	C1c	1	1	650137	

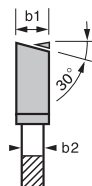
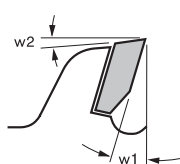


Circular saw blades for table saws



► Effortless, clean cuts in all types of wood.

expert **100** Wood



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

250	30	2.5/1.8	80	ATB ●●●●	2/7/42 2/9/ 46.4 2/10/ 60	10	18	2 608 642 500	C1c	1	1	648257
300	30	2.5/1.8	100	ATB ●●●●	2/7/42 2/9/ 46.4 2/10/ 60	7	20	2 608 642 501	C1c	1	1	648264

●●● Pack quantity (Pieces per pack)



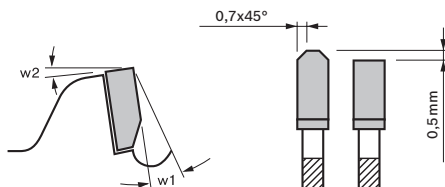
Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Circular saw blades for mitre saws and sliding mitre saws



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

expert **for MultiMaterial**



HLTCG
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	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties						Ordering information						
210	30	2.4/1.8	54	HLTCG	●●●	-5	15	2 608 642 492	C1c	1	1	648172
216	30	2.4/1.8	64	HLTCG	●●●	-5	15	2 608 642 493	C1c	1	1	648189
250	30	2.4/1.8	80	HLTCG	●●●●	-5	15	2 608 642 494	C1c	1	1	648196
254	30	2.4/1.8	80	HLTCG	●●●●	-5	15	2 608 642 528	C1c	1	1	650106
300	30	2.4/1.8	96	HLTCG	●●●●	-5	15	2 608 642 495	C1c	1	1	648202
305	30	2.4/1.8	96	HLTCG	●●●●	-5	15	2 608 642 529	C1c	1	1	650113

●●● Pack quantity (Pieces per pack)

●●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Long life and constantly high cut quality

Panel sizing and table saws

Not only is every single tooth manufactured in our plant – we also produce our own carbide powders. The exceptionally dense, customised Dura Technology mixture, which is tailored to every material property, is the key to achieving a perfect carbide. The Dura Technology reduces wear on the cutting edge, which ensures high cut quality over the entire long lifetime of the blade when sawing wood, composite or panel materials. By adding titanium carbide, the tooth is further shielded against chemical attacks from the resins and glues contained in wood and woodworking materials.



Dura Technology teeth
Start sharp and stay sharp – long lifetime and clean cuts over the entire lifetime thanks to customised, exceptionally dense and compact carbide blend with titanium carbide and special inhibitors.

Steel body
Premium steel (up to HRC 46) for high endurance. Laser-cut for 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.

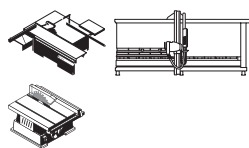
Expansion slots
Laser-cut for high blade stability and accuracy. The special design of the slot ensures a reduced noise level.

Vibration Control
Specially designed anti-vibration slots for particularly smooth running, considerably less noise and noticeably reduced vibration.

BOSCH
d 250 x 32/22 x 30 mm
40 [1] HW
n max 7800 min⁻¹
2 608 942 505
BC1 106
Made in Germany

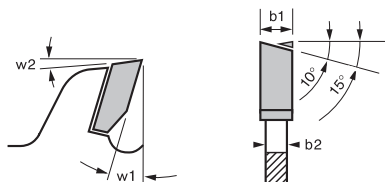


Circular saw blades for horizontal/vertical panel sizing and table saws



► Long life and constantly high cut quality in all types of wood.

expert **for Wood**



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

Expert
 ★ ★ ★ ★

Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	Pin / Hole / Pitch circle diameter	Hook angle ° w1	Relief angle ° w2	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties								Ordering information					
250	30	3.2/ 2.2	22	ATB	●● 2/7/42 2/9/ 46.4 2/10/ 60	20	15		2 608 642 502*	C1c	1	1	648271
300	30	3.2/ 2.2	26	ATB	●● 2/7/42 2/9/ 46.4 2/10/ 60	20	15		2 608 642 503*	C1c	1	1	648288
350	30	3.5/ 2.5	30	ATB	●● 2/7/42 2/9/ 46.4 2/10/ 60	20	15		2 608 642 504*	C1c	1	1	648295
250	30	3.2/ 2.2	40	ATB	●● 2/7/42 2/9/ 46.4 2/10/ 60	15	15		2 608 642 505	C1c	1	1	648301
250	30	3.2/ 2.2	60	ATB	●●● 2/7/42 2/9/ 46.4 2/10/ 60	10	15		2 608 642 506	C1c	1	1	648318
250	30	3.2/ 2.2	80	ATB	●●●● 2/7/42 2/9/ 46.4 2/10/ 60	5	18		2 608 642 507	C1c	1	1	648325
300	30	3.2/ 2.2	48	ATB	●● 2/7/42 2/9/ 46.4 2/10/ 60	15	15		2 608 642 508	C1c	1	1	648332
300	30	3.2/ 2.2	60	ATB	●●● 2/7/42 2/9/ 46.4 2/10/ 60	10	15		2 608 642 509	C1c	1	1	648349
300	30	3.2/ 2.2	72	ATB	●●● 2/7/42 2/9/ 46.4 2/10/ 60	10	15		2 608 642 510	C1c	1	1	648356

* Ripping saw blades

●●● Pack quantity (Pieces per pack)

●●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

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

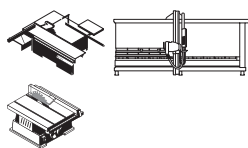
Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Tooth shape	Cutting result	Pin hole/Pitch circle diameter	Hook angle ° w1	Relief angle ° w2	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties								Ordering information					
300	30	3.2/ 2.2	96	ATB	●●●●	2/7/42 2/9/ 46.4 2/10/ 60	5	18	2 608 642 511	C1c	1	1	648363
350	30	3.5/ 2.5	54	ATB	●●●	2/7/42 2/9/ 46.4 2/10/ 60	15	15	2 608 642 512	C1c	1	1	648370
350	30	3.5/ 2.5	72	ATB	●●●	2/7/42 2/9/ 46.4 2/10/ 60	10	15	2 608 642 513	C1c	1	1	648387



Pack quantity (Pieces per pack)

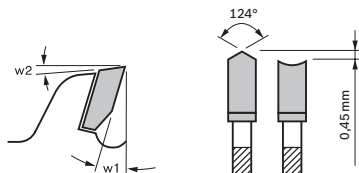
Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

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



- ▶ Long life and constantly high cut quality in panels coated on one or two sides.
DH: Scoring blade not required when used on panel sizing saws.

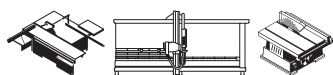
expert **LaminatedPanel**



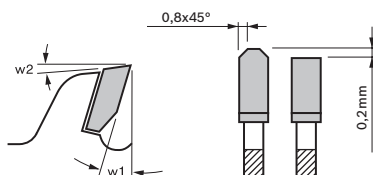
DH
w1: hook angle
w2: relief angle

Outer diameter mm		Bore mm		Width of cut (b1) mm / Base blade thickness (b2) mm		Number of teeth		Tooth shape		Cutting result		Pin hole/Pitch circle diameter		Hook angle ° w1		Relief angle ° w2		Part number		Packaging type		Pack quantity		Minimum order quantity		Barcode 3165140...	
Product properties														Ordering information													
250	30	3.2/2.2	48	DH	●●●	2/7/42 2/9/46.4 2/10/60	10	15	2 608 642 514	C1c	1	1	648394														
303	30	3.2/2.2	60	DH	●●●	2/7/42 2/9/46.4 2/10/60	10	15	2 608 642 515	C1c	1	1	648400														

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



expert **LaminatedPanel**



HLTCG
w1: hook angle
w2: relief angle

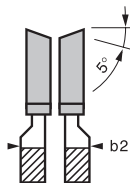
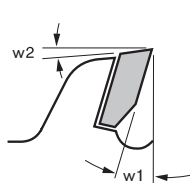
250	30	3.2/2.2	80	HLTCG	●●●●	2/7/42 2/9/46.4 2/10/60	5	18	2 608 642 516	C1c	1	1	648417															
300	30	3.2/2.2	96	HLTCG	●●●●	2/7/42 2/9/46.4 2/10/60	5	18	2 608 642 517	C1c	1	1	648424															
350	30	3.5/2.5	108	HLTCG	●●●●	2/7/42 2/9/46.4 2/10/60	5	18	2 608 642 518	C1c	1	1	648431															

Scoring 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



ES
 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	Pack quantity	Minimum order quantity	Barcode 31631 40...
Product properties					Ordering information							
80	20	2.8-3.6	10+10	ES ●●●●	11	17	2 608 642 126	C1c	1	1	574662	
100	20	2.8-3.6	12+12	ES ●●●●	11	17	2 608 642 127	C1c	1	1	574679	
100	22	2.8-3.6	12+12	ES ●●●●	11	17	2 608 642 128	C1c	1	1	574686	
120	20	2.8-3.6	12+12	ES ●●●●	11	17	2 608 642 129	C1c	1	1	574693	
120	22	2.8-3.6	12+12	ES ●●●●	11	17	2 608 642 130	C1c	1	1	574716	
125	20	2.8-3.6	12+12	ES ●●●●	11	17	2 608 642 131	C1c	1	1	574709	

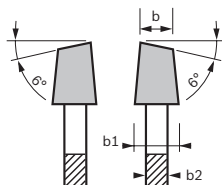
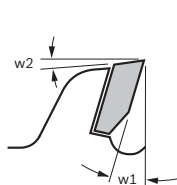


Conical scoring blades for horizontal/vertical panel sizing saws



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

best for Laminated Panel



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

100	20	3.1-4.3	24	K-WZ ●●●●	0	15	2 608 642 607	C1c	1	1	666602	
100	22	3.1-4.3	24	K-WZ ●●●●	0	15	2 608 642 606	C1c	1	1	666596	
120	20	3.1-4.3	24	K-WZ ●●●●	0	15	2 608 642 610	C1c	1	1	666633	
125	20	3.1-4.3	24	K-WZ ●●●●	0	15	2 608 642 609	C1c	1	1	666626	
125	22	3.1-4.3	24	K-WZ ●●●●	0	15	2 608 642 608	C1c	1	1	666619	

The Standard range

The right blade for every application

Standard
◆◆◆



The Standard range at a glance



Optiline WOOD

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

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Speedline WOOD

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

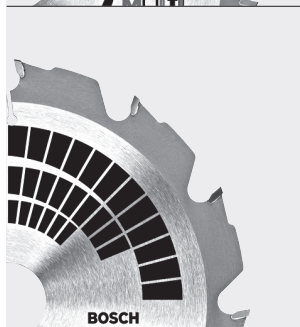
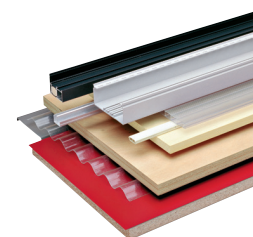
Page 49



MULTI MATERIAL

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

Page 52



CONSTRUCT WOOD

The ideal blade for coarse cuts through construction site timber.

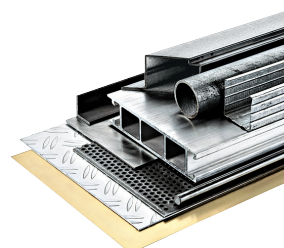
Page 55



Construct METAL

Especially suitable for clean, precise cuts in metal.

Page 58



Standard
◆◆◆

Optiline Wood

Top performance in wood

When it comes to lifetime, cutting speed and accuracy, 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 cutting results. Optiline Wood circular saw blades are available for hand-held circular saws, for mitre saws and for table saws.

Standard
◆◆◆

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

Tungsten carbide teeth
Clean cuts thanks to high-quality tungsten carbide and precise grinding

Body and expansion slots
Lower vibration, dampen noise and reduce heat development

TKS: Pitch circle
NL: Pin hole

Available in sizes:
130 to 450 mm diameter

Very coarse cut
Fast rip cuts and cross cuts in softwood, hardwood, raw chipboards and formwork boards

Coarse cut
Rip and cross cuts in softwood, hardwood, raw chipboards, formwork boards and plywood

Fine cut
Cross cuts in softwood, hardwood, plywood, wood core plywood, chipboards laminated on one side, and parquet

Very fine cut
Cross cuts in softwood, hardwood, plywood, wood core plywood, parquet, fibre materials and MDF

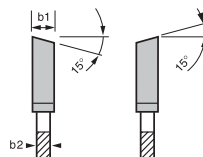
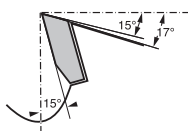
Optiline Wood for hand-held circular saws



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



ATB



b1: width of cut
b2: base blade thickness

Product properties		Ordering information										
Outer diameter mm	Bore mm	Bore with reduction ring mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Cutting result	Tooth shape	Pin hole/Pitch circle diameter	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
130	20	16	2.4/1.4	12	●	ATB	-	2 608 641 167	C1a	1	1	373494
130	20	16	2.4/1.4	20	●●	ATB	-	2 608 640 582	C1a	1	1	193764
130	20	16	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	2.4/1.4	12	●	ATB	7/42	2 608 641 169	C1a	1	1	373517
150	20	16	2.4/1.4	24	●●	ATB	7/42	2 608 640 592	C1a	1	1	193863
150	20	16	2.4/1.4	36	●●●	ATB	7/42	2 608 640 593	C1a	1	1	193870
160	20	16	1.8/1.2	12	●	ATB	6/32	2 608 641 170*	C1a	1	1	373524
160	20	16	1.8/1.2	24	●●	ATB	6/32	2 608 641 171*	C1a	1	1	373531
160	20	16	1.8/1.2	48	●●●●	ATB	6/32	2 608 641 172*	C1a	1	1	373548
160	20	16	2.6/1.6	12	●	ATB	6/32	2 608 641 173	C1a	1	1	373555
160	20	16	2.6/1.6	24	●●	ATB	6/32	2 608 640 596	C1a	1	1	193900
160	20	16	2.6/1.6	36	●●●	ATB	6/32	2 608 640 597	C1a	1	1	193917
160	20	16	2.6/1.6	48	●●●●	ATB	6/32	2 608 640 732	C1a	1	1	195072
165	30	20	2.6/1.6	12	●	ATB	-	2 608 641 174	C1a	1	1	373562
165	30	20	2.6/1.6	24	●	ATB	-	2 608 640 602	C1a	1	1	193962
165	20	16	1.7/1.2	36	●●●	ATB	-	2 608 642 602	C1a	1	1	660273
165	30	20	2.6/1.6	36	●●●	ATB	-	2 608 640 603	C1a	1	1	193979
165	30	20	2.6/1.6	48	●●●●	ATB	-	2 608 641 175	C1a	1	1	373579
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	2.6/1.6	12	●	ATB	-	2 608 641 178	C1a	1	1	373609
180	30	20	2.6/1.6	24	●●	ATB	-	2 608 640 608	C1a	1	1	194020
180	30	20	2.6/1.6	36	●●●	ATB	-	2 608 640 609	C1a	1	1	194037
180	30	20	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	2.6/1.6	12	●	ATB	-	2 608 641 182	C1a	1	1	373647
190	20	16	2.6/1.6	24	●●	ATB	-	2 608 640 612	C1a	1	1	194068
190	20	16	2.6/1.6	36	●●●	ATB	-	2 608 640 613	C1a	1	1	194075
190	20	16	2.6/1.6	48	●●●●	ATB	-	2 608 640 614	C1a	1	1	194082
190	20	16	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

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

●●● Pack quantity (Pieces per pack)

●●●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.



Optiline Wood for hand-held circular saws

	Outer diameter mm	Bore mm	Bore with reduction ring mm	Width of cut (b ₁) mm / Base blade thickness (b ₂) mm	Number of teeth	Cutting result	Tooth shape	Pin hole/Pitch circle diameter	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties								Ordering information					
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	2.8/1.8	24	●●	ATB	-	2 608 640 725	C1a	1	1	194990	
235	30	25	2.8/1.8	48	●●●●	ATB	-	2 608 640 727	C1a	1	1	195010	
235	30	25	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	
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	

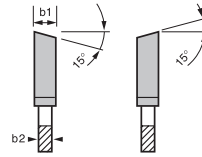
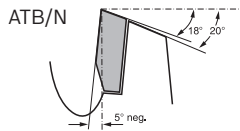
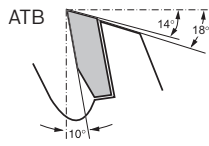
* For an extra-thin cut with little exertion of force. Also especially suitable for cordless circular saws.



● Pack quantity (Pieces per pack)

●●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Optiline Wood for mitre 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	Cutting result	Tooth shape	Pin hole/pitch circle diameter	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties			Ordering information								
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 10/60		2 608 641 203	C1a	1	1	373852
300	30	3.2/2.2	96	●●●● ATB/N	7/42 10/60		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	7/42 10/60		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.

● Pack quantity (Pieces per pack)

●●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Standard



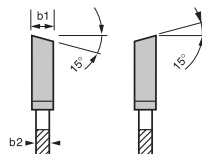
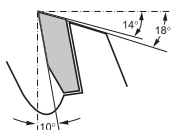
Optiline Wood for table saws



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



ATB



b1: width of cut
b2: base blade thickness

Standard



Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Cutting result	Model	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3163140...
Product properties					Ordering information					
250	30	3.2/2.2	40	●●	UW	2 608 640 670	C1a	1	1	194587
250	30	3.2/2.2	60	●●●	KW	2 608 640 665	C1a	1	1	194532
250	30	3.2/2.2	80	●●●●	VW	2 608 640 660	C1a	1	1	194501
300	30	3.2/2.2	48	●●	UW	2 608 640 672	C1a	1	1	194600
300	30	3.2/2.2	72	●●●●	KW	2 608 640 667	C1a	1	1	194556
300	30	3.2/2.2	96	●●●●	VW	2 608 640 661	C1a	1	1	194518
305	30	3.2/2.2	72	●●●●	UW	2 608 641 771	C1a	1	1	455596
305	30	3.2/2.2	96	●●●●	UW	2 608 641 772	C1a	1	1	455602
315	30	3.2/2.2	48	●●	UW	2 608 640 673	C1a	1	1	194617
315	30	3.2/2.2	60	●●●	-	2 608 640 651	C1a	1	1	194440
350	30	3.5/2.5	54	●●●	UW	2 608 640 674	C1a	1	1	194624
350	30	3.5/2.5	84	●●●●	KW	2 608 640 668	C1a	1	1	194563
400	30	3.5/2.5	60	●●●	UW	2 608 640 675	C1a	1	1	194631
450	30	3.8/2.8	66	●●●	UW	2 608 640 676	C1a	1	1	195249



●●● Pack quantity (Pieces per pack)



Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

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 hand-held circular saws and for table saws.

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
Lower vibration, dampen noise and reduce heat development

TKS: Pitch circle
NL: Pin hole

Available in sizes:
130 to 500 mm diameter



Very coarse cut

Fast rip cuts and cross cuts in softwood, hardwood, raw chipboards, formwork boards



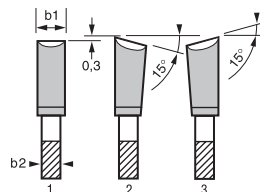
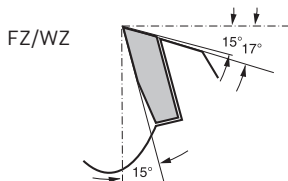
Coarse cut

Rip cuts and cross cuts in softwood, hardwood, raw chipboards, formwork boards and also for wood core plywood

Speedline Wood for hand-held circular saws



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



b1: width of cut
b2: base blade thickness

Standard

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	Cutting result	Tooth shape	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties							Ordering information					
130	16	-	-	1.3/0.8	12	● FZ/WZ		2 608 640 829*	C1a	1	1	276191
130	16	-	-	1.3/0.8	24	●● FZ/WZ		2 608 640 830*	C1a	1	1	276207
130	16	-	-	2.2/1.4	9	● FZ/WZ		2 608 640 774	C1a	1	1	239851
130	16	-	-	2.2/1.4	18	●● FZ/WZ		2 608 640 775	C1a	1	1	239868
140	20	-	-	2.2/1.4	9	● FZ/WZ		2 608 640 778	C1a	1	1	239899
150	16	-	-	2.2/1.4	9	● FZ/WZ		2 608 640 808	C1a	1	1	246521
150	16	-	-	2.2/1.4	18	●● FZ/WZ		2 608 640 809	C1a	1	1	246538
150	20	-	-	2.2/1.4	18	●● FZ/WZ		2 608 640 781	C1a	1	1	239929
160	16	-	-	2.4/1.6	12	● FZ/WZ		2 608 640 784	C1a	1	1	239950
160	16	-	-	2.4/1.6	18	●● FZ/WZ		2 608 640 785	C1a	1	1	239967
160	20	-	-	2.4/1.6	12	● FZ/WZ		2 608 640 786	C1a	1	1	239974
160	20	-	-	2.4/1.6	18	●● FZ/WZ		2 608 640 787	C1a	1	1	239981
165	20	-	16	1.7/1.2	12	● FZ/WZ		2 608 642 600	C1a	1	1	660259
165	20	-	16	1.7/1.2	24	●● FZ/WZ		2 608 642 601	C1a	1	1	660266
165	30	-	20	2.4/1.6	18	●● FZ/WZ		2 608 640 789	C1a	1	1	240000
170	30	-	-	2.4/1.6	18	●● FZ/WZ		2 608 640 791	C1a	1	1	240024
180	30	-	-	2.4/1.6	24	●● FZ/WZ		2 608 640 793	C1a	1	1	240048
184	16	-	-	2.4/1.6	12	● FZ/WZ		2 608 640 794	C1a	1	1	240055
184	16	-	-	2.4/1.6	24	●● FZ/WZ		2 608 640 795	C1a	1	1	240062
184	30	-	-	2.4/1.6	24	●● FZ/WZ		2 608 640 797	C1a	1	1	240086
190	20	-	16	2.6/1.6	12	● FZ/WZ		2 608 640 798	C1a	1	1	240093
190	20	-	16	2.6/1.6	24	●● FZ/WZ		2 608 640 799	C1a	1	1	240109
190	30	-	-	2.6/1.8	12	● FZ/WZ		2 608 640 800	C1a	1	1	240116
190	30	-	-	2.6/1.8	24	●● FZ/WZ		2 608 640 801	C1a	1	1	240123
210	30	-	-	2.6/1.8	18	● FZ/WZ		2 608 640 802	C1a	1	1	240130
210	30	-	-	2.6/1.8	30	●● FZ/WZ		2 608 640 803	C1a	1	1	240147
230	30	-	-	2.6/1.8	18	● FZ/WZ		2 608 640 804	C1a	1	1	240154
230	30	-	-	2.6/1.8	30	●● FZ/WZ		2 608 640 805	C1a	1	1	240161
235	30	-	25	2.6/1.8	18	● FZ/WZ		2 608 640 806	C1a	1	1	240178
235	30	-	25	2.6/1.8	30	●● FZ/WZ		2 608 640 807	C1a	1	1	240185

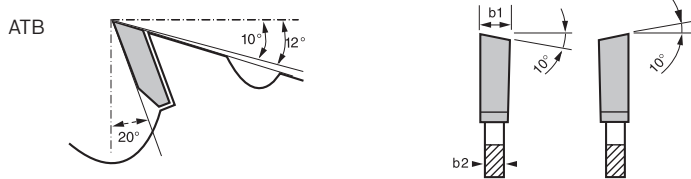
* For an extra-thin cut with little exertion of force. Also especially suitable for cordless circular saws.

● Pack quantity (Pieces per pack)



Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Speedline Wood for table saws



b1: width of cut
b2: base blade thickness

Product properties							Ordering information				
Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Cutting result	Tooth shape	Pin hole/pitch circle diameter	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3163140...
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



●●● Pack quantity (Pieces per pack)

●●●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

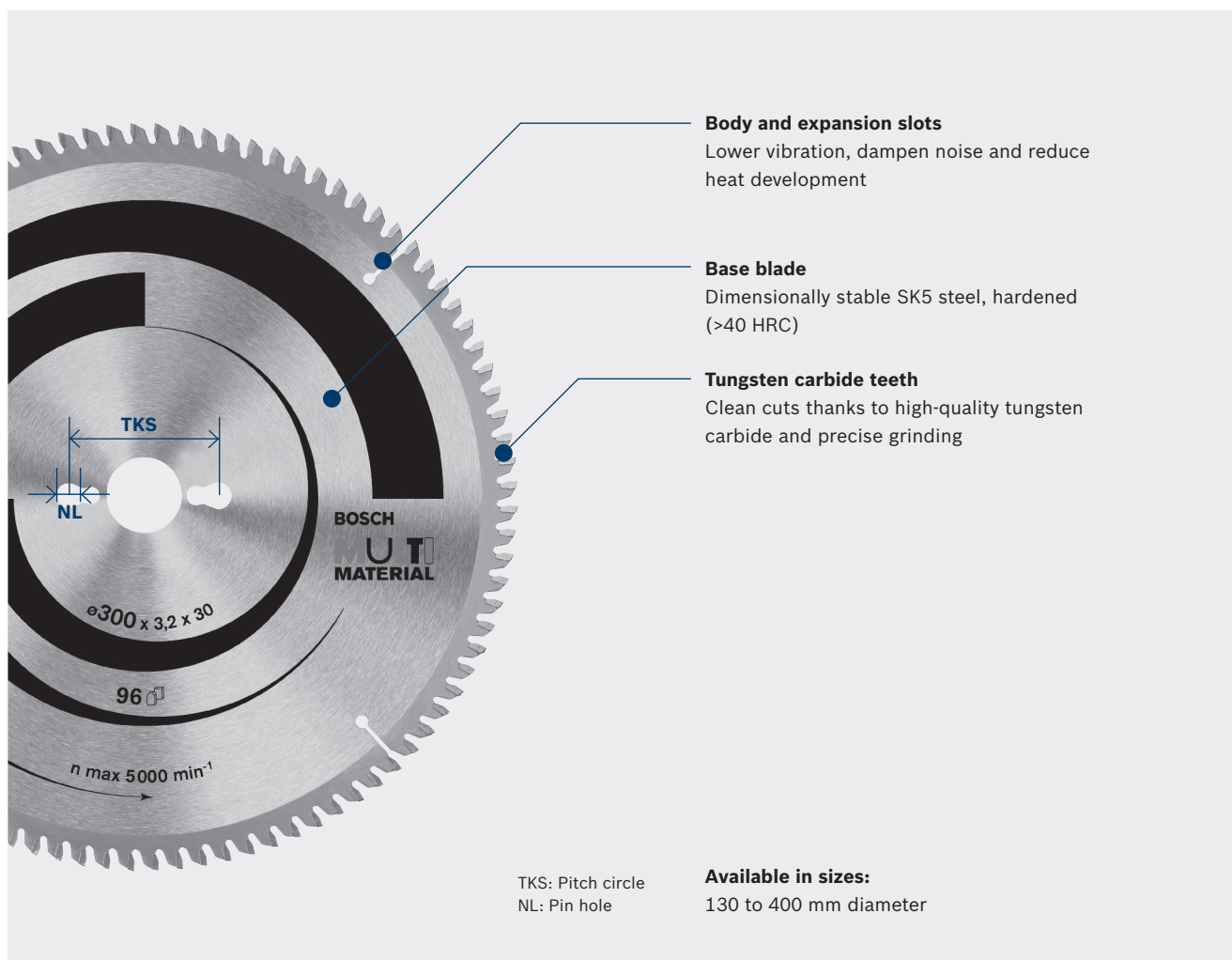
Multi Material


Clean cuts through different materials


Just one circular saw blade for all applications.


The Multi Material is the perfect blade for interior working or exhibition fitting. Alternate trapezoidal and flat teeth made of tungsten carbide ensure a powerful cut with clean cut edges in all different kinds of materials. Multi Material circular saw blades are available for hand-held circular saws, for mitre saws and for table saws.


Standard
◆◆◆



 **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

 **Fine cut in plastic and non-ferrous metals**
Also well suited to cutting parquet, laminate, epoxy and occasional use in hardwood

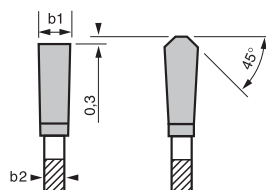
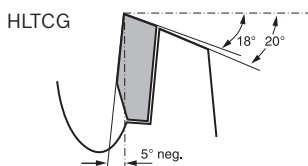
 **Very fine cut in hardwood and composite materials**
Also well suited to occasional cutting of plastic and non-ferrous metals such as aluminium, brass and copper

 **Very fine cut in plastic and non-ferrous metals**
Perfectly suited to cutting parquet, laminate, epoxy, fibreglass and cement-bonded fibre boards

Multi Material for hand-held circular saws



- ▶ The perfect blade for powerful cuts with clean cut edges in all different kinds of materials.
- ▶ Using the universal cutting oil 2 607 001 409 increases the lifetime several times over when cutting in metal, e.g. aluminium.



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	Cutting result	Tooth shape	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3163140...
Product properties							Ordering information				
130	20	16	2.0/1.4	42	●●●●	HLTCG	2 608 641 195	C1a	1	1	373777
140	20	12.7	2.0/1.4	42	●●●●	HLTCG	2 608 641 196	C1a	1	1	373784
150	20	16	2.0/1.4	42	●●●●	HLTCG	2 608 640 501	C1a	1	1	192910
160	20	16	2.4/1.8	42	●●●●	HLTCG	2 608 640 503	C1a	1	1	192934
165	30	20	2.4/1.8	42	●●●●	HLTCG	2 608 640 519	C1a	1	1	193092
170	30	-	2.4/1.8	48	●●●●	HLTCG	2 608 640 505	C1a	1	1	192958
180	30	20	2.4/1.8	48	●●●●	HLTCG	2 608 640 507	C1a	1	1	192972
184	16	-	2.4/1.8	48	●●●●	HLTCG	2 608 640 815	C1a	1	1	263405
184	30	-	2.4/1.8	48	●●●●	HLTCG	2 608 640 506	C1a	1	1	192965
190	20	16	2.4/1.8	54	●●●●	HLTCG	2 608 640 508	C1a	1	1	192989
190	30	-	2.4/1.8	54	●●●●	HLTCG	2 608 640 509	C1a	1	1	192996
200	30	-	2.4/1.8	54	●●●●	HLTCG	2 608 640 510	C1a	1	1	193009
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	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



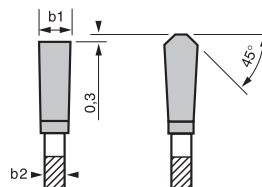
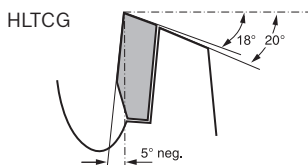
●●●● Pack quantity (Pieces per pack)

●●●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Multi Material for mitre saws and table saws



- ▶ Using the universal cutting oil 2 607 001 409 increases the lifetime several times over when cutting in metal, e.g. aluminium.



b1: width of cut
b2: base blade thickness

Standard

Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Cutting result	Tooth shape	Pin hole/Pitch circle diameter	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties						Ordering information					
210	30	2.5/1.8	80	●●●	HLTCG	-	2 608 640 445	C1a	1	1	317436
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

●●● Pack quantity (Pieces per pack)

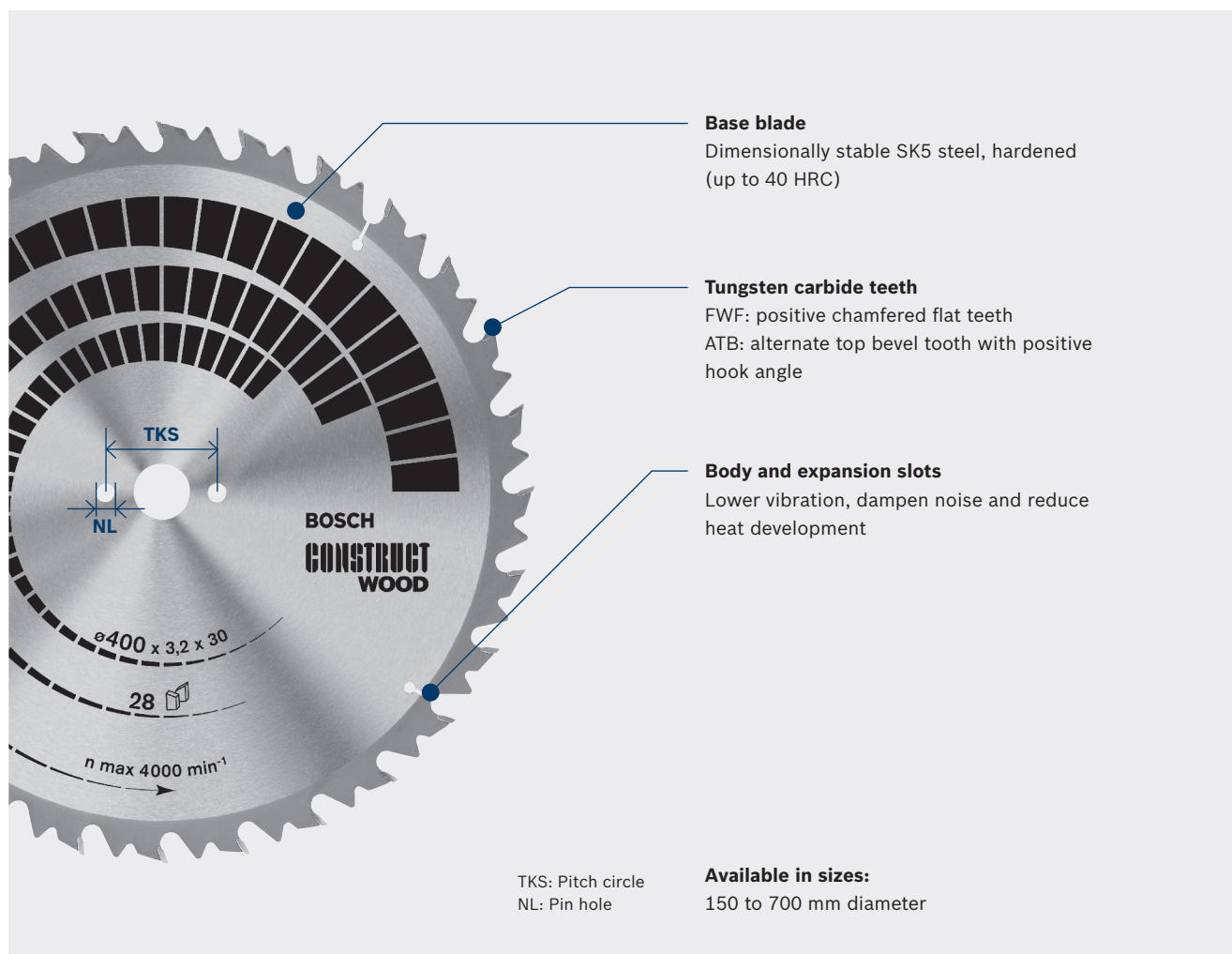
●●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Construct Wood

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 provide additional support and increase blade sturdiness. Construction timber, formwork 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.



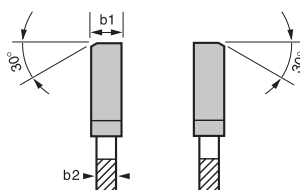
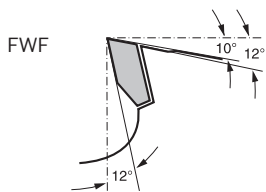
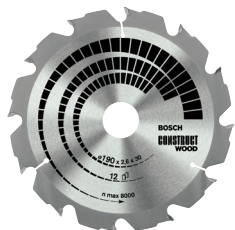
Coarse cut

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

Construct Wood for hand-held 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

Standard



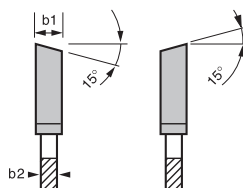
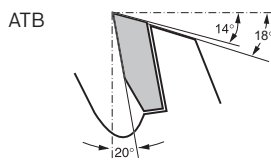
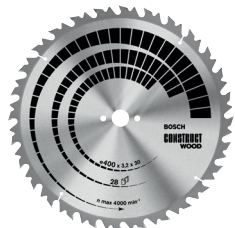
Outer diameter mm	Bore mm	Bore with reduction ring mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Cutting result	Tooth shape	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties							Ordering information				
150	20	16	2.4/1.4	12	●	FWF	2 608 641 199	C1a	1	1	373814
160	20	16	2.6/1.6	12	●	FWF	2 608 640 630	C1a	1	1	194235
180	30	20	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	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	2.8/1.8	16	●	FWF	2 608 640 636	C1a	1	1	194297

● Pack quantity (Pieces per pack)



Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Construct Wood for table saws (standard)

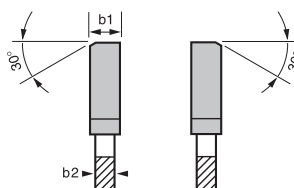
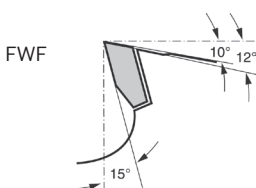
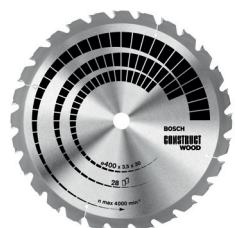


b1: width of cut
b2: base blade thickness

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

Standard
◆◆◆

Construct Wood for table saws (nail-proof)



b1: width of cut
b2: base blade thickness

250	30	3.2/2.2	20	●	FWF	7/42	2 608 641 774	C1a	1	1	455626
300	30	3.2/2.2	20	●	FWF	7/42 10/60	2 608 640 690	C1a	1	1	194730
315	30	3.2/2.2	20	●	FWF	7/42	2 608 640 691	C1a	1	1	194747
350	30	3.5/2.5	24	●	FWF	10/60	2 608 640 692	C1a	1	1	194754
400	30	3.5/2.5	28	●	FWF	10/60	2 608 640 693	C1a	1	1	194761
450	30	3.8/2.5	32	●	FWF	10/60	2 608 640 694	C1a	1	1	194778
500	30	3.8/2.5	36	●	FWF	10/60	2 608 640 695	C0a	1	1	195294

● Pack quantity
(Pieces per pack)



Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Construct Metal

Particularly clean cuts in metal

The Construct Metal circular saw blade is ideal for powerful, precise cuts with clean cutting lines in steel profiles, pipes, angle iron, sheet metals 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.


Standard
◆◆◆


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


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

Available in sizes:
160 to 355 mm diameter

 **Coarse cut**
Ideal for steel profiles, pipes, angle iron, sheet metals and cable ducts

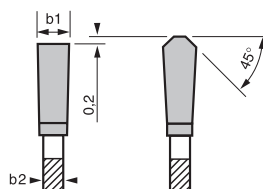
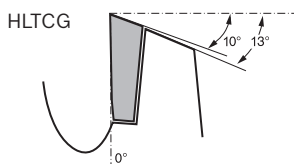
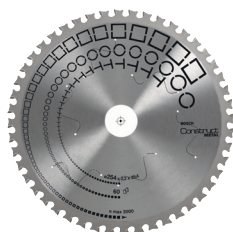
 **Very fine cut**
Ideal for steel profiles, pipes, angle iron, sheet metals and cable ducts

 **Fine cut**
Ideal for steel profiles, pipes, angle iron, sheet metals and cable ducts

Construct Metal for Hand Dry Cutters



- ▶ Using the universal cutting oil 2 607 001 409 increases the lifetime several times over when cutting in metal.

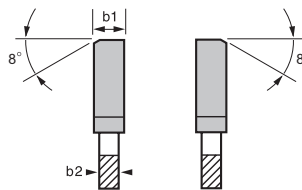
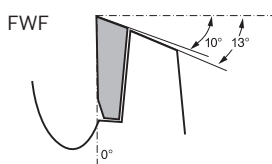
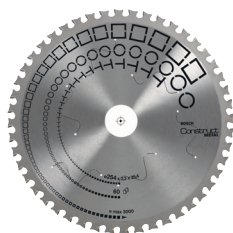


b1: width of cut
b2: base blade thickness

Product properties	Outer diameter mm	Bore mm	Width of cut (b1) mm / Base blade thickness (b2) mm	Number of teeth	Cutting result	Tooth shape	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
160	20	2.0	1.6	30	●●	HLTCG	2 608 641 720	C1a	1	1	466493
184	20	2.0	1.6	48	●●●	HLTCG	2 608 641 721	C1a	1	1	466509
190	20	2.0	1.6	40	●●●	HLTCG	2 608 641 722	C1a	1	1	466516
210	30	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



Construct Metal for Mitre Dry Cutters



b1: width of cut
b2: base blade thickness

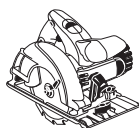
254	25.4	2.2	1.8	60	●●●●	FWF	2 608 641 725	C2a	1	1	466547
305	25.4	2.2	1.8	60	●●●●	FWF	2 608 641 727	C2a	1	1	474245
305	25.4	2.2	1.8	80	●●●●	FWF	2 608 641 729	C2a	1	1	466554
355	25.4	2.2	1.8	80	●●●●	FWF	2 608 641 730	C2a	1	1	466561
355	25.4	2.2	1.8	90	●●●●	FWF	2 608 641 732	C2a	1	1	466578

●●● Pack quantity (Pieces per pack)

●●●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Always the right circular saw blade

The machine overview



Hand-held circular saws

	Outer diameter in mm	Bore in mm
AEG		
HK 40	140	20
HK 46N	150	20
HK 55, K 55, K 55S, K 55SE	160	20
HK 66, HK 66E, KS 66S	190	30
HK 75A	210	30
Atlas Copco		
TKS 42	130	20
K 55, K 55S	160	20
K 66S, K 66SE, SCS 66Q	190	30
HKS 75	210	30
HKS 85	230	30
Black & Decker		
BD 227, BD 840, BD 846, CD 600, DN 227, KS 40, KS 227, KS 840, KS 846, P 3601	140	12.7
BD 855, KS 855, SR 325E, U 336, U 975, U 976	160	16
CD601, CS1030L	170	16
HD 1200	180	20
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
KS 64, KS 65K, KS1300, KS1400L, KS1500LK	190	16
BD 365, PL 41	190	30
HD 2075S	210	30
KS 805, KS 810, P 3802	210	30
P 3902, HD 2066S	230	30

	Outer diameter in mm	Bore in mm
Bosch		
PKS 38, PKS 40, PKS 14.4 V	130	16
PKS 46	150	16
GKS 54, GKS 54 CE, PKS 54, PKS 54 CE,	160	16
GKS 55, GKS 55 CE, GKS 55 GCE, GKS 160, GKS 24 V, PKS 55 A	160	20
GKS 36 V-LI, GKT 55 GCE, GKS 18 V	165	20
GKS 65, GKS 68 BC, GKS 65 CE, PKS 66, PKS 66 A, PKS 66 AF, GKS 66, GKS 66 CE, GKS 65 GCE	190	30
GKS 75 S	210	30
GKS 85 S, GKS 85 G, GKS 85	235	30
DeWalt		
DW 935K, DW 936K	136	10
DW 351	150	20
DW 390KA, DW 007	165	10
D23550, D23551	165	20
DW 62, DW 62K, D23620	184	16
DW 65, DW 365, D23650K, D23651K	190	30
D23700	235	30
DW 86	240	30
Einhell		
BT-CS 1200/1	160	16
RT-CS 165	165	16
BT-CS 1400/1	190	20
RT-CS 190/1	190	30

	Outer diameter in mm	Bore in mm
Elu		
MH 151	150	20
GKS 24V	160	20
GKS 36V-LI	165	20
MH 155	170	30
MH 65	180	30
MH 165, MH 265	190	30
MH 85, MH 286	240	30
Evolution		
EVO 180, E180 Xtreme	184	20
FURY 185, RAGE, RAGE-B	185	20
RAGE230	230	25.4
EVO 230	235	25.4
FURY2 355	355	25.4
Festo		
AP 55, AP 55E, ATF 55, ATF 55E, ATF 55EB, TS 55, TS 55 R	160	20
AT 55E, AXT 50LA	170	30
AU 55S, AU 60P	180	30
AP 65, AP 65E, AP 65EB, AT 65, AT 65EB	190	30
AU 65, AD 65	200	30
TS 75	210	30
CS 70, CS 70EB	225	30
AP 85, AP 85E, AP 85 EB	240	30
Flex		
CSM 4060	185	20
Hitachi		
C 6BU, C 6BU2, C 6U, C 6U2	165	30
C 7BU, C 7U	184	30
C 7U2, C 7BU2	190	30
C 8U	210	30
C 9U, C 9U2, C 9BU2	235	30

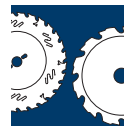
Mitre saws

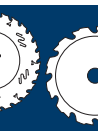


	Outer diameter in mm	Bore in mm
Holz-Her		
2110, 2111, 2171	130	20
2260, 2270	140	20
2103, 2104, 2105, 2106, AP 55EB, ATF 55EB	160	20
2115, 2266, 2271, 2281	170	30
2112, HKU 55	180	30
2117, 2119, AP 65EB, AT 65EB	190	30
2113	200	30
2267	210	30
2118, 2120, 2294	230	30
2268	240	30
Jepson		
8219 Hand Dry Cutter	190	20
8230 Hand Dry Cutter	235	25.4
Kress		
CHKS 6055	160	20
1400 HKS, CHKS 6066, 1500KS	190	20
Mafell		
KSP 40, KSP 55F, KST 55, KSP 55, MKS 55, MKS 55F, MS 55	160	20
SP6000X1, 5603RK	165	20
FS 130K, FS 165 K, KSP 65F, MKS 65	190	30
B 65	200	30
MKS 75	210	30
MKS 85	225	30
KSP 85 FC, KSP 85, KSP 85F	230	30
Makita		
5603R, 5604R, 5603RK, SP6000K1, SP6000X1	165	20
5017RKB	165	30
5017R, 5703R, 5704R, 5705R, 5704RK, 5705RX	190	30
5900B, 5900BR, SR 2300	235	25
5903R, 5903RK, N5900B	235	30
5103R	270	30
5143R	355	30

	Outer diameter in mm	Bore in mm
Metabo		
KS 0852S	150	20
KS 54, KS 54 SP, KSE 55 Plus	160	20
KSA 18 LTX	165	16
KS 1155S, KS 1157S KSTE 1357S	165	20
KS 1266S, KS 1468S	190	20
KS 66, KS 66 Plus, KSE 68, KSE 68 Plus	190	30
KSE 1678S	210	30
Metallkraft		
HKS 230	230	25.4
Milwaukee		
CS 55	165	30
CS 60	184	30
SCS 65 Q, CS 75	190	30
MCS 65	203	16
Ryobi		
EWS1150RS, EWS1150RS2	170	20
EWS1366HG	190	16
Skil		
5140, 5240, 5740, 5144	130	16
5840, 5840AB	140	20
5750, 5855	160	16
5155	170	16
5003, 5164, 5064	184	16
5066, 5166, 5266, 5366, 5466, 5566, 5766, 5866	190	16
5885	235	30

	Outer diameter in mm	Bore in mm
Atlas Copco		
MS 3 C	250	30
MS 3 C	254	30
Atika		
KGS 210, KGS 210 N, KGSZ 210	210	30
KGSZ 250 N	250	30
KGSZ 255	255	25.4
KGSZ 305	305	25.4
Black & Decker		
SR 700, BD 800, DN 800, DN 810, SEC 818	210	30
Bosch		
PCM 7, PCM 7 S	190	30
PCM 8ST, PCM 8 S	210	30
GCM 8 S	216	30
GCM 10, GCM 10 S, GCM 10 SD, GK 24 V, GTS 10, PCM 10	250	30
PCM 10, GCM 10, GCM 10 S, GCM 10 SD, GK 24 V, PCM 10 T, GCM 10 J	254	30
GCM 12, GCM 12 SD, GCM 12 GDL, GTM 12	305	30
DeWalt		
DW 700, DW 701, DW 707, DW 777	216	30
DW 702, DW 703, DW 710, DW 713, DW 742, DW 744, DW 743, DW 713 XPS, DW 743 N, DW 704, D 27107, D 27107 V, DW 716	250	30
DW 709, DW 711	260	30
DW 705, DW 706, DW 708, D27105, DW 716 EXPS	305	30
DW 872, DW 872XE	355	25.4
Einhell		
KGS 210, BT-MS 210, BT-MS 2112, RT-SM 305 L	210	30
KG 245, KG 250, BT-MS 250 L, RT-SM 430 U	250	30
KG 245, KG 250, KGS 250	254	30



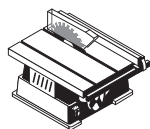


	Outer diameter in mm	Bore in mm
Elu		
PS 174, PS 274, PS 274E, ETS 41	216	30
TGS 170, TGS 171, TGS 172, TGS 173, TGS 271, TGS 273	250	30
PS 374, EMS 705	305	30
Evolution		
FURY3B 210, FURY3 210, RAGE3-B 210, RAGE3-S 210, RAGE3-S300 210	210	25.4
FURY3XL 255, RAGE3 255, RAGE3-DB 255	255	25.4
355 Raptor	355	25.4
Festo/Festool		
SYM 70 E	216	30
AD 100, AD 85, AE 85, AE 88	250	30
KS 120	260	30
Flex		
TCS 3602	355	25.4
Güde		
GKS 1100 P, KT 210	210	30
Hitachi		
C 8 U, C 8 FA, PSM 8 A, PSU 8	210	30
C 8 FC, C 8 FS	216	30
C 10 FCA, C 10 FCB	250	30
C 10 FCA, C 10 FCB	254	30
C 10 FCE2, C 10 FCH2	255	30
CD 12 F, C 12LCH, C 12YA, C 12YB	305	30
CD 14 F	355	25.4
Huvema		
HU 355	355	25.4
Holz-Her		
2279, 2264, 2555, HK 201	210	30
2161, 214101 symstric	216	30
Jepson		
9211D Dry Mitre Cutter	254	25.4
9430 Premium Dry Cutter	305	25.4
9435 Premium Super Dry, 9515 Cut-Off Saw	355	25.4

	Outer diameter in mm	Bore in mm
Jet		
JMS 8	215	16
JMS 10	254	30
Kress		
GST 90	250	30
GST 90	254	30
Keyang		
DC-355	355	25.4
Lutz		
TKS HVK, TKS	315	30
Makita		
LS 0714FB	190	20
LS 1013, LS 1030, LS 1040	250	30
LS 1013, LS 1030, LS 1040	254	30
MLS 100	255	30
LS 1040F, LS 1013, LS 1013LB, LS 1018L	260	30
LC 1230	305	25.4
LS 1216LB, LS 1214L, LS 1214F, LS 121	305	30
Metabo, Elektra Beckum		
GKSE 16705, Signal, KGSE 1670 S, KGS 255, KS 250, KS 304, KGT 250, P 200, PK 200, UK 220 E, UK 220 W	210	30
KS 215 M Lasercut, KS 216 M Lasercut, KS 216 Plus	216	30
KGS 250, KGS 300, KGT 500, KGT 501, KGT 550, KGS 330, KGS 331, Hobbymas- ter, KGS 301, KGS 303	250	30
KS 254 Plus KSG 254 Plus, KSG 254 I Plus, KSG 254 M	254	30
KS 304, KS 305 Plus	305	30
KSG 315 Plus	315	30
Metalkraft		
MTS 500	305	30
MTS 355, MTS 356	355	25.4
Milwaukee		
6494-50, 6496-50	250	30
MS 305 DB	305	30
6190-20	355	25.4

	Outer diameter in mm	Bore in mm
Rexon		
MS 8 RAL, SM 2151 AL, M 2150 AE, SM 2150 AE, SM 2153AE	216	30
SM 2500 VA, M 2500 AE, SM 2502AE	250	30
M 2500 AL, M 2503 AL	254	30
SM 2501 AE, TMS 10 A	255	30
SCM 12 A, MS 12 RA, SM 3051 AL, M 3051 AL	305	30
DC 356A	355	25.4
Ridgid		
590	305	25.4
590 L	355	25.4
Ryobi		
EMS 2026 SCC, EMS 2025 SCL	254	30
Scheppach		
Capas 1, Capas 2	216	30
KG 260 E, KSE 250, TKG 260 i, TKG 260 E, TKG 280 E	250	30
KG 260E, TKG 260i, TKG 260E, TKG 280E	254	30
TKG 305i, TKH, TKU, TS 400, TS 4010, Mitas 7	300	30
Capas 3, Capas 7	305	30
Skil		
1131AA	210	30
Stayer		
SC 211W, SC206BW	210	30
SLL 250, SCE 1600, SC 270, SC 271, SLL 250 E, SLL 251, SL 251 E	250	30
SC 241 W, SC 251 W, SLL 250, SCE 1600, SC 270, SC 271, SLL 250, SLL 250 E, SLL 251, SL 251 E	254	30
Wegoma		
TM 43 D, KGS48, KGS48 T	250	30
KGS33, KGS33T, KGS72, KGS72T	300	30

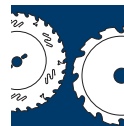
Table saws



	Outer diameter in mm	Bore in mm
Atika		
T 205	205	16
Toptronic, T 250 ECO, TK 250, PTK 250 S	250	30
T 250	254	30
BTA 90, HAT 315	315	30
ABH400, ABK 400	400	30
ABH450, ABK 450, ATU	450	30
ABH500, ABK 500	500	30
Avola		
LH 315, TZV 315	315	30
TZH 350	350	30
ZB400, ZBV400	400	30
ZB450, ZBV450	450	30
ZB500, ZBV500	500	30
Black & Decker		
T 250 Eco	250	30
Bosch		
PPS 7S	190	30
GTS 10, PTS 10, PTS 10T	250	30
PTS 10, PTS 10T, GTS 10, GTS 10 J, GTS 10 XC	254	30
GTM 12	305	30
DeWalt		
DW744, DW746, DW745, DW745RS, DW744XPRS, DW744XP, DW743N	250	30
D27107, D27107V	305	30
Einhell		
BT-TS 800, BT-TS 1500 U, TKS 1500 ECO	200	16
RT-TS 920	205	16
RT-TS 1221	210	30
RT-TS 1725 U, RT-TS 1825 U	250	30
BKS 315, RT-TS 2031 U, RT-TS 2231 DU	315	30
Evolution		
FURY6 210	210	25.4
FURY5 255, RAGE5 255, RAGE6 255	255	25.4

	Outer diameter in mm	Bore in mm
Ferm		
FZT 250	250	30
Festo/Festool		
AXP 130, AXP 132 E, BD 125	350	30
BD 145, BD 145/1	400	30
BD 170	450	30
Hanning		
HTK 315/3 SV, HTK 315/1.6, HTK 2.1, HTK 315/3.0, HTK 4.0	315	30
Hitachi		
PSU 13	315	30
Holz-Her		
PKS 1210, PKS 1211, PKS 1212, PKS 1213, PKS 1215, PKS 1220, PKS 275, HKD 85, HKD 275	300	30
150, 176, 276, HKS 130, HKS 150, HKS 276, HKS 176	350	30
277, BZK, HKS 155	400	30
Huvema		
315 ST	315	30
JET		
JTS-600X	250	30
JTS-315SP	315	30
Lutz		
TKS HVH, TKS V, Eurocut	315	30
BK 450	450	30
Mafell		
Biber, Biberix, FS 85, MKS 105, MKS 105E, Monika, TFK 85, TFK 8	315	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
TDH 450, TDH 5, FSG 200, FSG 240 K	450	30
170, BKV 5, TDH 5	500	30
Makita		
MLT 100X, 2704	260	30

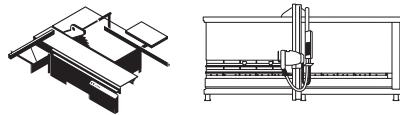
	Outer diameter in mm	Bore in mm
Metabo, Elektra Beckum		
TK 1685 Magnum, TK 1685, TKU 1633, TKU 1693, TS 250, KGT 501	250	30
TK 1685, TK 1685 Magnum, TK 1688 (D)(Magnum)	300	30
TK 1685, TK 1685 Magnum, TKHS 315, TKHS 315 C, TKHS 315 M, KGT 300	315	30
BKS 400	400	30
BKS 450, BKH 450	450	30
Rexon		
BT 2160 A	216	30
BT 2500 AE, BT 2504AE, BT2502AE	250	30
JT 2501 A	255	30
TS 3150 A	315	30
Scheppach		
TKU, TS 315GT, TS 4010 ci	315	30
BS 400, BSH 500	400	30
BS 500	500	30
Ulmia		
1610, 1622, 1625, 1710 S, 1710 R, 1711, KS 1	250	30
1711, 1712, 1725	300	30
1711, 1712, 1712 RT, 1712 R	350	30
Variolux		
OKS 315	315	30
Wegoma		
TM 43 D, TS 48 D	250	30
TM 33 H, TS 33 H, TM 72 C, TS 72 C	300	30
S 5 D	350	30
TKS 400 M, TKS 400 A	400	30



Scoring blades for panel sizing saws

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

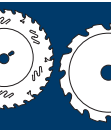
Panel sizing saws



	Outer diameter in mm	Bore in mm
Altendorf		
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
Einhell		
RT-CC 315 U	315	30
Felder		
KF 700 Professional	250	30
Kappa 30, Kappa 40, Kappa 40 X-Motion	400	30
Griggio		
CA 400 DIGIT, CA 400 E, CA 400, CA40, UNICA 500 E	250	30
SC 32/300, SC 1400, CA 400 DIGIT, CA 400 E, CA 400, CA40, UNICA 500 E	300	30
UNICA 350	315	30
SC 32/350, CA 400 DIGIT, CA 400 E, CA 400, CA40, UNICA 500 E, UNICA 350	350	30
CA 400 DIGIT, CA 400 E, CA 400, CA40, UNICA 500 E	400	30
CA 400 DIGIT, CA 400 E, CA 400, CA40, UNICA 500 E	450	30
UNICA 500 E	500	30

	Outer diameter in mm	Bore in mm
Guilliet/Chambon		
Verti 1850, Verti 2150	250	30
CoupeS, CoupeC	400	30
Coupe MAX, Coupe MASSIF	500	30
JET		
JTSS-700, JTS-700L	250	30
JTS 300, JTSS 300	300	30
JTSS-1500, JTSS-1700, JTSS-2500, JTSS-3200	315	30
Lutz		
JUMBO plus	315	30
Martin		
T60 Basic	250–315	30
T60 Classic	250–400	30
T74 Classic, T74 Automatic, T70, T75 PreX	250–500	30
T60 PreXision, T65	300–315	30
Panhans		
PS32	350–400	30
690-B Easy4-mat, 690-B Electronic III plus	450	30
Paoloni		
S100, S150, S200, S260, S300	300	30
P315	315	30
P350NX, P350SX, P350AX	350	30
P450NX, P350SX, P450AX, P3200NX, P3200SX, P3200AX	450	30

	Outer diameter in mm	Bore in mm
Robland		
NLX-310, NLX-TZ, EZ-2500, EZ-3200, EZ-3800	300	30
NX-310, NX-Z, NX-TZ, E-300, EZ-2500	315	30
Z-3200, Z-2500, NZ Axis Ergo	400	30
PS-3200 X-3, NZ3200-NZ3800, Z3200-Z3800	450	30
SCM		
SI300 S NOVA, SI300 NOVA	315	30
SI400 NOVA, SI400 E NOVA, SI400 EP NOVA	400	30
Sicar		
TS 250	300	30
Striebig		
Compact	250	30
Standard/Evolution/ Control	300	30
Ulmia		
KS 300	315	30



Recommendations

for achieving the optimum cut



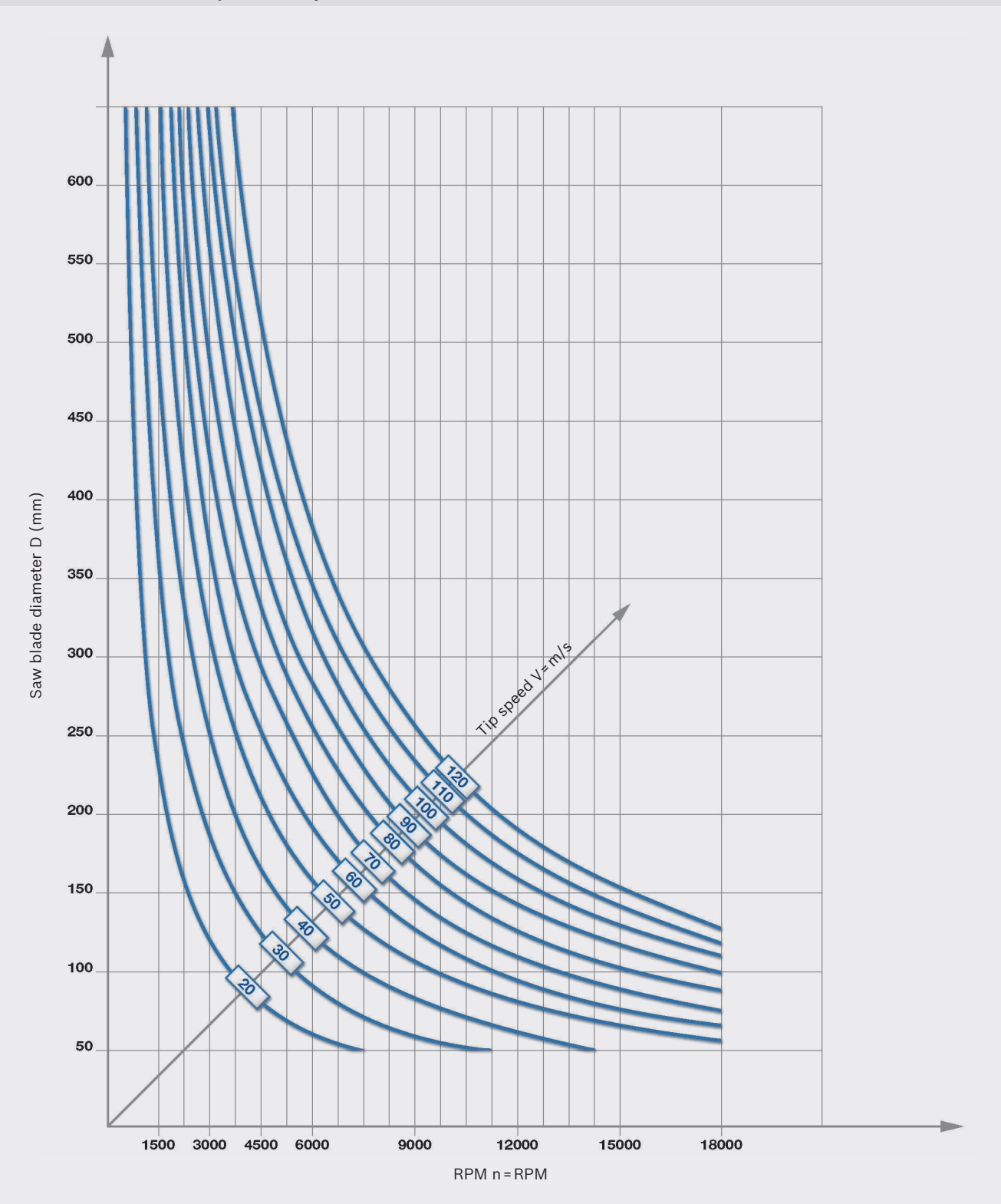
Recommended maximum speed for the saw blade rotation

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 properties. This will affect the cutting quality and the lifetime of the blade itself, not to mention causing the risk of serious injury to the user.

Recommended revolutions per minute (RPM) by blade diameter

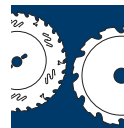
Saw blade diameter	Maximum RPM
80 mm	23.800 RPM
100 mm	19.100 RPM
120 mm	15.900 RPM
125 mm	15.200 RPM
210 mm	9.000 RPM
216 mm	8.800 RPM
250 mm	7.600 RPM
254 mm	7.500 RPM
300 mm	6.300 RPM
303 mm	6.300 RPM
305 mm	6.200 RPM
315 mm	6.000 RPM
350 mm	5.400 RPM
400 mm	4.700 RPM
450 mm	4.200 RPM
500 mm	3.800 RPM

Recommended revolutions per minute by material

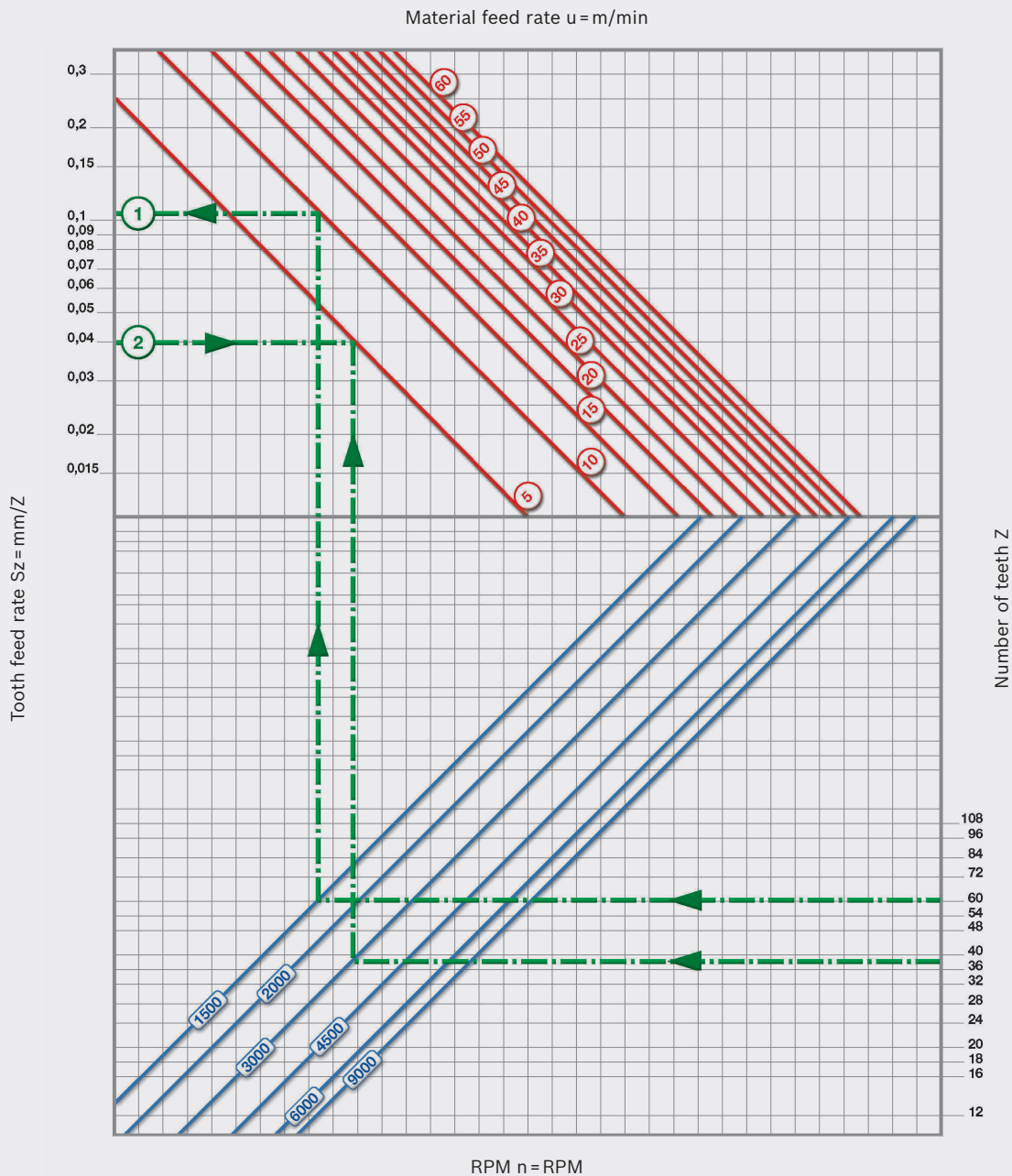


Optimal cutting speed by material

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



Technical table showing the correct tooth feed rate, material feed rate, number of teeth and RPM for a saw blade



Recommended tooth feed rate ($S_z = \text{mm/tooth}$)	
Softwood with grain	0.20 to 0.30
Softwood across grain	0.10 to 0.20
Hardwood	0.06 to 0.15
Chipboard	0.10 to 25.0
Plywood	0.05 to 0.12
Laminated panel	0.05 to 0.10
Aluminium and plastic laminated chipboard	0.02 to 0.05

Example 1

$n = 1.500 \text{ RPM}$
 $u = 10 \text{ m/min}$
 $Z = 60$
 $S_z = 0.11 \text{ mm}$

Example 2

$n = 3.000 \text{ RPM}$
 $Z = 40$
 $S_z = 0.04 \text{ mm}$
 $u = 5 \text{ m/min}$

Accessories for circular saws

Reduction rings for circular saw blades



Diameter mm	Bore mm	Thickness mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 31 651 40...
Product properties			Ordering information				

Reduction rings for circular saw blades
Base blade thickness of 1.0 mm up to max. 1.3 mm

20	12.75	0.8	2 600 100 185	P1b	1	1	433518
20	15.875	0.8	2 600 100 186	P1b	1	1	433525
20	16	0.8	2 600 100 187	P1b	1	1	433532

Reduction rings for circular saw blades
Base blade thickness of 1.25 mm up to max. 1.4 mm

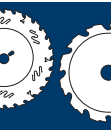
20	16	1.0	2 600 100 188	P1b	1	1	433549
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Reduction rings for circular saw blades
Base blade thickness of 1.4 mm up to max. 1.7 mm

16	12.75	1.2	2 600 100 192	P1b	1	1	433587
20	10	1.2	2 600 100 193	P1b	1	1	433594
20	12.75	1.2	2 600 100 194	P1b	1	1	433600
20	13	1.2	2 600 100 195	P1b	1	1	433617
20	16	1.2	2 600 100 197	P1b	1	1	433631
25	15.875	1.2	2 600 100 201	P1b	1	1	433679
25	16	1.2	2 600 100 202	P1b	1	1	433686
25	20	1.2	2 600 100 203	P1b	1	1	433693
25.4	20	1.2	2 600 100 207	P1b	1	1	433730
30	20	1.2	2 600 100 208	P1b	1	1	433747
30	24	1.2	2 600 100 209	P1b	1	1	433754
30	25	1.2	2 600 100 210	P1b	1	1	433761
30	25.4	1.2	2 600 100 211	P1b	1	1	433778

Reduction rings for circular saw blades
Base blade thickness of 1.7 mm up to max. 2.2 mm

20	16	1.5	2 600 100 212	P1b	1	1	433785
25	16	1.5	2 600 100 214	P1b	1	1	433808
25	20	1.5	2 600 100 215	P1b	1	1	433815
25.4	16	1.5	2 600 100 217	P1b	1	1	433839
25.4	20	1.5	2 600 100 219	P1b	1	1	433853
30	20	1.5	2 600 100 220	P1b	1	1	433860
30	25	1.5	2 600 100 221	P1b	1	1	433877
30	25.4	1.5	2 600 100 222	P1b	1	1	433884
35	30	1.5	2 600 100 225	P1b	1	1	433914



Reduction rings for circular saw blades

Diameter mm	Bore mm	Thickness mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties			Ordering information				

Reduction rings for circular saw blades

Base blade thickness of 2.2 mm up to max. 3.0 mm

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	20	1.8	2 600 100 230	P1b	1	1	433969
30	25	1.8	2 600 100 231	P1b	1	1	433976
30	25.4	1.8	2 600 100 232	P1b	1	1	433983



Routing

New potential for hand-guided routers

Bosch offers a compact, clearly structured range of router bits for a wide range of applications.

And this at an attractive price/quality ratio. Power and precision characterise the GOF-CE routers from Bosch. Together with the new router bits and standard applications, they provide full system competence.




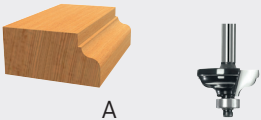
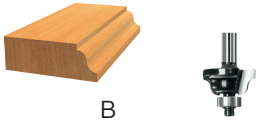
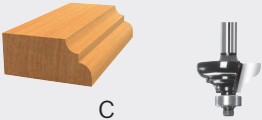
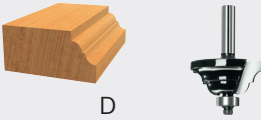
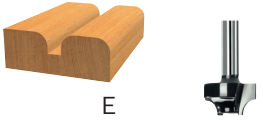
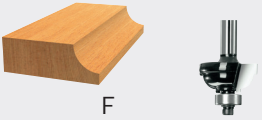


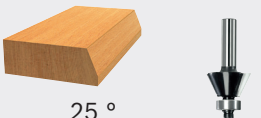


Router bits from Bosch



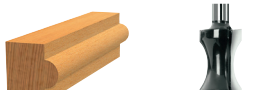

For standard applications in the workshop and on the construction site. All made with a durable tungsten-carbide quality and an 8 and 12 mm shank. Transparent range structure: router bits for profiling and router bits for joining.

Shaping bits: for profiling








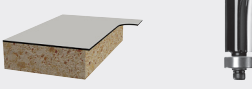

The range of router bits from Bosch comprises the most important profiles. A total of 38 dimensions.



<p>Rounding over bits Page 76</p>						
<p>Core box bits Page 77</p>						
<p>Edge forming bits Page 79</p>	 <p>A</p>		 <p>B</p>		 <p>C</p>	
	 <p>D</p>		 <p>E</p>		 <p>F</p>	
	 <p>G</p>		 <p>H</p>			
<p>Chamfer/laminate trim bits Page 83</p>	 <p>25 °</p>		 <p>45 °</p>			
<p>V-groove bits Page 84</p>						

<p>Beading bits Page 85</p>			
<p>Guided staff bead bits and staff bead bits Page 86</p>			
<p>Pilot panel bits Page 87</p>			

Precise bits: for joining
 Straight bits, tongue jointing bits, rebating bits and dovetail bits for the most common joints.
 In addition to this, hinge mortising bits and laminate trim bits. A total of 40 dimensions.

<p>Straight bits Page 88</p>			
<p>Slotting cutters Page 91</p>			
<p>Tongue jointing bits Page 92</p>			
<p>Hinge mortising bits Page 93</p>			
<p>Rebating bits Page 94</p>			
<p>Laminate trim bits Page 95</p>			
<p>Dovetail bits Page 96</p>			



Quality that pays off

It is an attractive offer when economic efficiency and quality are combined. All Bosch router bits have high-quality tungsten carbide cutters, optimised cutting geometry and a precision cut that is the result of many years of experience. The benefit of this lies in the fitting accuracy and the long lifetime.

Tungsten carbide plates

Material as per ISO K10. With diamond-ground cutting geometry.

Silver solder

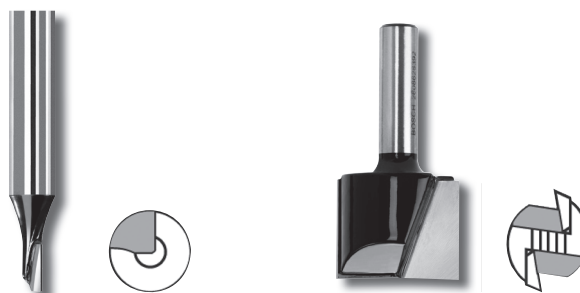
Brazing of the TC plates with silver solder on the body of the router bit. This means a high-quality, secure joint.

EN Standard 847

Standard router bits from Bosch comply with the latest European standard, combined with economically efficient and brand-specific user advantages.

One or two flutes?

Router bits with very small diameters have – for better chip clearance – one flute. Two-flute router bits are for medium and large diameters.



Safe clamping length

The mark on the shank indicates the required clamping length.

Working length in line with the market

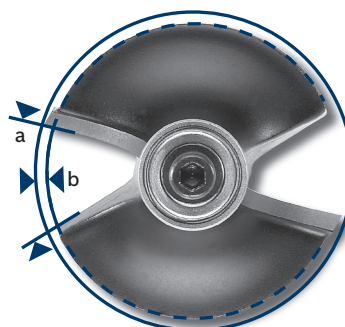
The working length of the router bits is tailored to the nominal thickness of conventional solid wood and wooden materials, up to 25 mm. Up to 38 mm with extra-long router bits.



Calculated safety

Relevant construction features for clean, low-recoil working:

- a) Chip gap limitation
- b) Limitation of the chip thickness:
max. 1.1 mm



Better results

when used in the right direction

Quality has a lot to do with the competence of the power tools and the precision of the router bits.

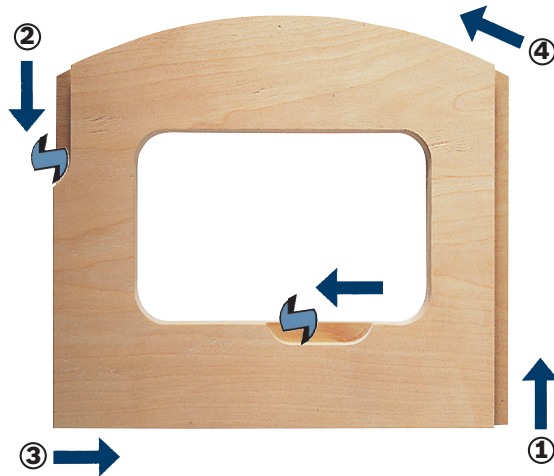
In addition to this, our practical experience can be communicated for the benefit of the customer.

Four-sided routing around workpieces

1 + 2: first of all, the face ends are routed

3 + 4: then the longitudinal edges are routed, along the grain

Advantage: Corners that are splintered when routing the face ends can be corrected.



Routing curved edges

Suitable accessories for clean routing: pilot, ball bearing pilot or template with template guide.

Risks when working without a stop

If the router is pulled towards the user, it drifts to the right.
If the router is thrust away from the user, it drifts to the left.

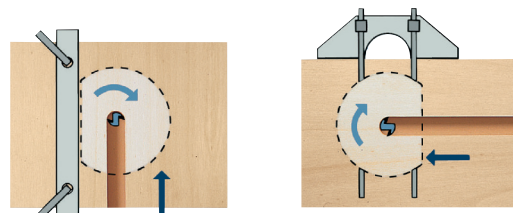


Routing with a locating stop and routing grooves

The correct feed direction is crucial with regard to quality.

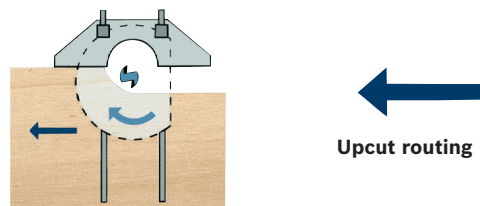
Routing with a locating stop: thrusting the router.

Groove cutting: routing in the counter direction.



Safe upcut routing

When upcut routing is performed, the stop is cleanly pulled against the workpiece: safe and clean working.



Unsafe downcut routing

When downcut routing is performed, the machine is pressed away by the workpiece: unclean edges, risk of the machine drifting off.



Shaping bits for profiling

Rounding over bits

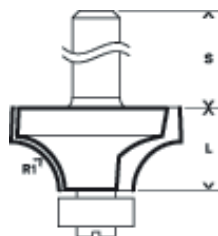


- ▶ For rounding off edges, e.g. on windows, cupboards, table tops, shelves, fireplace surrounds
- ▶ With ball bearing pilot for easy guiding directly on the workpiece without a template

Bosch rounding over bits for clean rounded edges

Rounding over bits with ball bearing pilot, two flutes, tungsten carbide

- ▶ **Suitable for** solid woods such as spruce, beech, oak, alder and abrasive materials



Shank mm	Shank inch	Diameter (D) mm	Radius (R1) mm	Working length (L) mm	Total length (G) mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties						Ordering information				
8	-	-	3	10.5	53	2 608 628 344	P2a	1	1	358057
8	-	-	4	12.7	53	2 608 628 339	P2a	1	1	358002
8	-	-	6	13.5	53	2 608 628 340	P1a	1	1	358019
8	-	-	8	15.5	53	2 608 628 341	P1a	1	1	358026
8	-	-	10	16.5	57	2 608 628 342	P1a	1	1	358033
8	-	-	12	19	60	2 608 628 343	P1a	1	1	358040
8	-	-	15	22	66	2 608 628 345	P1a	1	1	358064
12	-	-	12	19	70	2 608 628 471	P2a	1	1	420342
-	1/4	25.4	6.3	13	54	2 608 628 421	P1a	1	1	358828 *
-	1/4	31.8	9.5	16	57	2 608 628 422	P1a	1	1	358835 *
-	1/4	38	12.7	18.5	60	2 608 628 423	P1a	1	1	358842 *

* only available in GB

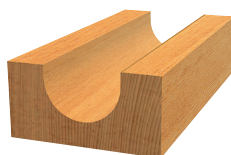
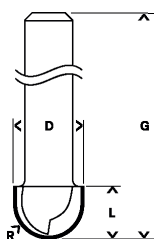
Core box bits



- ▶ For producing edge profiles, hinge connections with core box profiles, decorative grooves, sauce channels on serving platters, structuring surfaces and for use in copy routing machines
- ▶ With ball bearing pilot for easy guiding directly on the workpiece without a template

Bosch core box bits for surface structures

Core box bits, two flutes, tungsten carbide

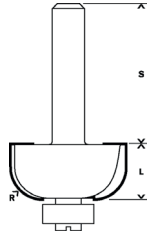


Shank mm	Shank inch	Diameter (D) mm	Total length (G) mm	Working length (L) mm	Radius (R1) mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...	
Product properties						Ordering information					
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8	-	12	40	9.5	6	2 608 628 368	P2a	1	1	358293	
8	-	16	45	12.7	8	2 608 628 369	P2a	1	1	358309	
8	-	20	46	12.7	10	2 608 628 370	P2a	1	1	358316	
12	-	16	54	12.7	8	2 608 628 472	P2a	1	1	420358	
12	-	24	57	12.7	12	2 608 628 473	P2a	1	1	420365	
-	1/4	12.7	40	9.2	6.3	2 608 628 418	P2a	1	1	358798	*
-	1/4	6.3	40	9.2	3.2	2 608 628 425	P2a	1	1	358866	*
-	1/4	9.5	40	9.2	4.7	2 608 628 632	P2a	1	1	361026	*
-	1/4	16	45	12.3	8	2 608 628 633	P2a	1	1	361033	*
-	1/4	25.4	49	15.5	12.7	2 608 628 634	P1a	1	1	361040	*

* only available in GB



Core box bits with ball bearing pilot, two flutes, tungsten carbide



Shank mm		Shank inch		Diameter (D) mm	Total length (G) mm	Working length (L) mm	Radius (R1) mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties							Ordering information					
8	-	20.7	53	9	4	2 608 628 361	P2a	1	1	358224		
8	-	24.7	53	13	6	2 608 628 362	P1a	1	1	358231		
8	-	28.7	54	13	8	2 608 628 363	P1a	1	1	358248		
8	-	32.7	55	14	10	2 608 628 364	P1a	1	1	358255		
8	-	36.7	58	16	12	2 608 628 365	P1a	1	1	358262		
12	-	36.7	70	16	12	2 608 628 474	P2a	1	1	420372		
-	1/4	25.4	54	12.7	6.3	2 608 628 420	P1a	1	1	358811		*

* only available in GB



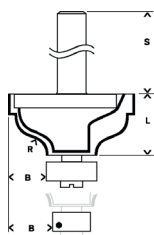
Edge forming bits



- ▶ For producing decorative edges on shelves and frames, and for designing mantelpieces and frame profiles
- ▶ With ball bearing pilot for easy guiding along the workpiece

Bosch edge forming bits for perfect furniture joinery work

Edge forming bit A with ball bearing pilot, two flutes, tungsten carbide



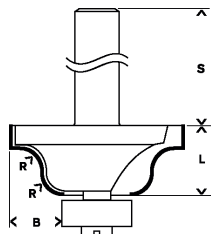
Shank mm	Shank inch	Width (B) mm	Diameter (D) mm	Working length (L) mm	Radius (R1) mm	Total length (G) mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties						Ordering information					
8	- 11	- 14.3	4.8	57	2 608 628 393	P1a	1	1	358545		

● Pack quantity (Pieces per pack)

●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.



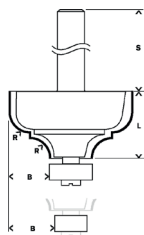
Edge forming bit B with ball bearing pilot, two flutes, tungsten carbide



Product properties							Ordering information				
Shank mm	Shank inch	Width (B) mm	Diameter (D) mm	Working length (L) mm	Radius (R1) mm	Total length (G) mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
8	-	8	12.7	4	54		2 608 628 394	P1a	1	1	358552
8	-	12.7	17.4	6.3	61		2 608 628 395	P1a	1	1	358569
-	1/4	15.9	29	12.4	4	54	2 608 628 419	P1a	1	1	358804

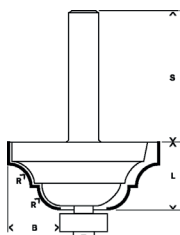
* only available in GB

Edge forming bit C with ball bearing pilot, two flutes, tungsten carbide



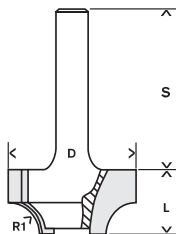
8	-	9.5	14.3	4.8	57		2 608 628 396	P1a	1	1	358576
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Edge forming bit D with ball bearing pilot, two flutes, tungsten carbide



8	-	15	18	6.3	60		2 608 628 397	P1a	1	1	358583
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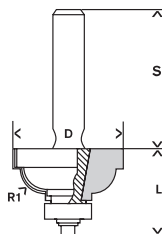
Edge forming bit E, two flutes, tungsten carbide



Shank mm	Shank inch	Width (B) mm	Diameter (D) mm	Working length (L) mm	Radius (R1) mm	Total length (G) mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties						Ordering information					
8	-	25.4	14.3	6.3	46	2 608 628 355	P1a	1	1	358163	
-	1/4	25.4	14	6.3	46	2 608 628 424	P1a	1	1	358859	*

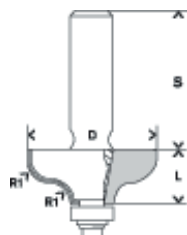
* only available in GB

Edge forming bit F with ball bearing pilot, two flutes, tungsten carbide



8	-	28.5	13.5	6.3	54	2 608 628 356	P1a	1	1	358170
8	-	35	16.5	9.5	59	2 608 628 358	P1a	1	1	358194

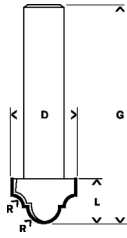
Edge forming bit G with ball bearing pilot, two flutes, tungsten carbide



8	-	31.8	12.7	4.8	54	2 608 628 357	P1a	1	1	358187
8	-	38	16	6.35	57	2 608 628 359	P1a	1	1	358200

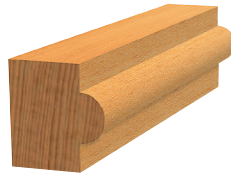
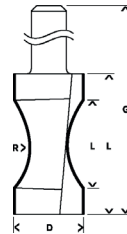


Edge forming bit H, two flutes, tungsten carbide



Product properties							Ordering information				
Shank mm	Shank inch	Width (B) mm	Diameter (D) mm	Working length (L) mm	Radius (R1) mm	Total length (G) mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
8	-	- 12.7	12.7	2.4	46	2 608 628 398	P2a	1	1	358590	

Staff bead bit, two flutes, in tungsten carbide version



8	-	- 20.6	32	18.3	63.5	2 608 628 354	P1a	1	1	358156
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Chamfer bits

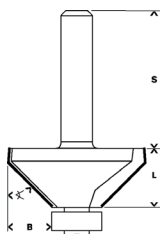


- ▶ For chamfering edges on straight or curved workpieces
- ▶ For carving fine lettering and decorative grooves
- ▶ With ball bearing pilot for easy guiding directly on the workpiece without a template

Chamfer bits for fine decorative chamfers on furniture

Chamfer bit with ball bearing pilot, two flutes, tungsten carbide

- ▶ Suitable for solid wood and board materials



Product properties					Ordering information					
Shank mm	Width (B) mm	Working length (L) mm	Total length (G) mm	Angle degrees	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode	3165140...
8	11	15	56	45	2 608 628 352	P1a	1	1	358132	

● Pack quantity (Pieces per pack)

●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

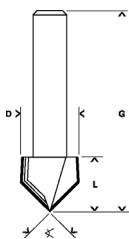


V-groove bits

- ▶ For chip carving imitation and engraving letters
- ▶ For routing decorative grooves
- ▶ Also for chamfering edges when used with parallel guide or template guide

V-groove bits, two flutes, tungsten carbide

- ▶ 60°/90° point angle
- ▶ **Suitable for solid wood**



Shank mm	Shank inch	Diameter (D) mm	Working length (L) mm	Total length (G) mm	Angle degrees	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...	
Product properties						Ordering information					
8	-	11	14	45	60	2 608 628 406	P2a	1	1	358675	
8	-	16	16	45	90	2 608 628 407	P2a	1	1	358682	
-	1/4	12.7	12.7	45	90	2 608 628 415	P2a	1	1	358767	*
-	1/4	6.3	7.9	45	90	2 608 628 630	P2a	1	1	361002	*
-	1/4	9.5	12.7	45	90	2 608 628 631	P2a	1	1	361019	*

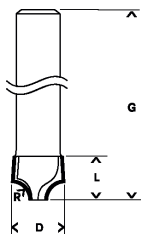
* only available in GB

Beading bits

- ▶ For decorative edges in furniture manufacture or interior fitting work
- ▶ For imitation of tongue and groove joints in solid wood surfaces (if the full working length of the router bit is not used)
- ▶ For imitation of frame constructions with filling (full working length of the router bit used)

Beading bit, one flute, tungsten carbide

- ▶ **Suitable for solid wood and abrasive materials**



Product properties						Ordering information				
Shank mm	Shank inch	Diameter (D) mm	Working length (L) mm	Radius (R1) mm	Total length (G) mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
8	-	9.5	10.5	3.2	41	2 608 628 405	P2a	1	1	358668



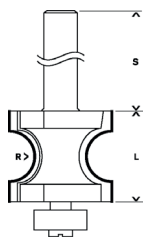
Guided staff bead bits



- ▶ For decorative edging of solid wood in furniture manufacture, frame construction, interior fitting work
- ▶ Particularly suitable for routing the profile “guided staff”
- ▶ With ball bearing pilot for easy guiding of the router bit directly along the workpiece without a template

Guided staff bead bit with ball bearing pilot, two flutes, tungsten carbide

- ▶ Suitable for solid wood



Shank mm	Shank inch	Width (B) mm	Diameter (D) mm	Working length (L) mm	Radius (R1) mm	Total length (G) mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties						Ordering information					
8	-	-	19	6	63	2 608 628 360	P1a	1	1	358217	

● Pack quantity (Pieces per pack)

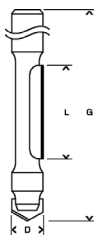
●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Pilot panel bits

- ▶ For through-drilling or quick cutouts of openings in shop fitting, exhibition fitting, caravan fitting and general construction work, e.g. cutouts for light switches, sockets, etc. in panel walls

Pilot panel bit, tungsten carbide

- ▶ Router bit with tungsten carbide cutting edge (“light-switch cutout bit”)
- ▶ Bit shaft between the main cutter and the cutting edge guides the router bit along the workpiece
- ▶ **Suitable for** laminated workpieces made of wooden materials or solid wood



Product properties						Ordering information					
Shank mm	Diameter (D) mm	Shank inch	Width (B) mm	Working length (L) mm	Radius (R1) mm	Total length (G) mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
8	8	-	19	-	64	2 608 628 371	P2a	1	1	358323	



Precise bits for joining

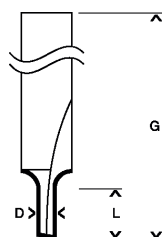
Straight bits



- ▶ For general routing, grooving or rebating with routers
- ▶ For formatting straight or curved workpieces
- ▶ One and two flute router bits

Straight bits, one flute, tungsten carbide

- ▶ **Suitable for** solid wood and board materials
- ▶ For routing small grooves for chipboard tongue joints, for decorative grooves in surfaces or grooves in rubber seal profiles

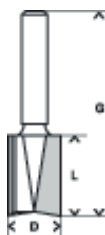


Shank mm				Diameter (D) mm				Shank inch				Width (B) mm				Working length (L) mm				Radius (R1) mm				Total length (G) mm				Part number				Packaging type				Pack quantity				Minimum order quantity				Barcode 3165140...			
Product properties								Ordering information																																							
8	3	-	-	8	-	51	2 608 628 376	P2a	1	1	358378																																				
8	4	-	-	8	-	51	2 608 628 377	P2a	1	1	358385																																				
8	5	-	-	12.7	-	51	2 608 628 378	P2a	1	1	358392																																				
-	3.2	1/4	-	7.7	-	51	2 608 628 427	P2a	1	1	360975	*																																			
-	4.8	1/4	-	12.7	-	51	2 608 628 428	P2a	1	1	360982	*																																			

* only available in GB

Straight bits, two flutes, tungsten carbide

- **Suitable for** solid wood and board materials such as chipboard or MDF board, plastics or abrasive materials such as Corian



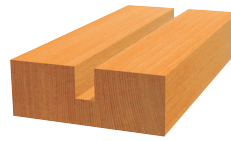
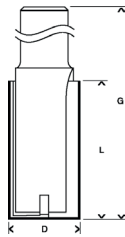
Shank mm		Diameter (D) mm		Shank inch		Width (B) mm		Working length (L) mm		Radius (R1) mm		Total length (G) mm		Part number		Packaging type		Pack quantity		Minimum order quantity		Barcode 3165140...	
Product properties												Ordering information											
8	6	-	-	16	-	48	2 608 628 379	P2a	1	1	358408												
8	7	-	-	20	-	51	2 608 628 380	P2a	1	1	358415												
8	8	-	-	20	-	51	2 608 628 381	P2a	1	1	358422												
8	9	-	-	20	-	51	2 608 628 382	P2a	1	1	358439												
8	10	-	-	20	-	51	2 608 628 383	P2a	1	1	358446												
8	11	-	-	20	-	51	2 608 628 384	P2a	1	1	358453												
8	12	-	-	20	-	51	2 608 628 385	P2a	1	1	358460												
8	13	-	-	20	-	51	2 608 628 386	P2a	1	1	358477												
8	14	-	-	20	-	51	2 608 628 375	P2a	1	1	358361												
8	15	-	-	20	-	51	2 608 628 387	P2a	1	1	358484												
8	16	-	-	20	-	51	2 608 628 388	P2a	1	1	358491												
8	18	-	-	25	-	56	2 608 628 389	P2a	1	1	358507												
8	20	-	-	25	-	56	2 608 628 390	P2a	1	1	358514												
8	22	-	-	25	-	56	2 608 628 391	P2a	1	1	358521												
8	25	-	-	20	-	51	2 608 628 392	P1a	1	1	358538												
-	6.35	1/4	-	16	-	48	2 608 628 411	P2a	1	1	358729												*
-	9.5	1/4	-	19.5	-	51	2 608 628 412	P2a	1	1	358736												*
-	12.7	1/4	-	19.5	-	51	2 608 628 413	P2a	1	1	358743												*
-	19	1/4	-	19.5	-	51	2 608 628 414	P2a	1	1	358750												*
-	8	1/4	-	19.5	-	51	2 608 628 429	P2a	1	1	360999												*

* only available in GB



Straight bits with extra length, two flutes, tungsten carbide

- ▶ **Suitable for** solid wood and board materials such as chipboard or MDF board, plastics or abrasive materials such as Corian
- ▶ Longer working length for greater flexibility in the application



	Shank mm	Diameter (D) mm	Shank inch	Width (B) mm	Working length (L) mm	Radius (R1) mm	Total length (G) mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...	
Product properties								Ordering information					
8	8	-	-	25.4	-	56	2 608 628 372	P2a	1	1	358330		
8	10	-	-	25.4	-	56	2 608 628 373	P2a	1	1	358347		
8	12	-	-	32	-	62	2 608 628 374	P2a	1	1	358354		
12	10	-	-	40	-	81	2 608 628 464	P2a	1	1	420273		
12	12	-	-	40	-	81	2 608 628 465	P2a	1	1	420280		
12	16	-	-	40	-	81	2 608 628 466	P2a	1	1	420297		
12	18	-	-	40	-	81	2 608 628 467	P2a	1	1	420303		
12	20	-	-	40	-	81	2 608 628 468	P2a	1	1	420310		
12	25	-	-	40	-	81	2 608 628 469	P2a	1	1	420327		
12	30	-	-	40	-	81	2 608 628 470	P2a	1	1	420334		

● Pack quantity (Pieces per pack)

☐ Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Slotting cutters

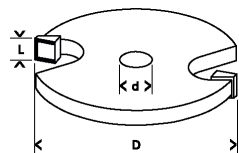


- ▶ For positioning grooves in narrow edges, e.g. to hold seals or for tongue and groove joints

Slotting cutters for making grooves in narrow edges

Slotting cutters with ball bearing pilot, two flutes, tungsten carbide

- ▶ **Suitable** for solid wood and board materials
- ▶ **Note:** Router guide fence created by the workpiece prevents the tool from turning over



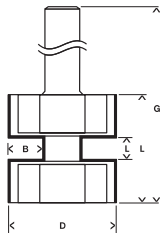
Shank mm	Diameter (D) mm	Shank inch	Width (B) mm	Working length (L) mm	Radius (R1) mm	Total length (G) mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties						Ordering information					
8	32	-	-	3	-	51	2 608 628 401	P1a	1	1	358620
8	32	-	-	4	-	51	2 608 628 402	P1a	1	1	358637
8	32	-	-	5	-	51	2 608 628 403	P1a	1	1	358644
8	32	-	-	6	-	51	2 608 628 404	P1a	1	1	358651

Tongue jointing bits

- ▶ For routing classical tongue and groove profiles in solid wood edges in combination with a 5 mm slotting cutter

Tongue jointing bit, two flutes, tungsten carbide

- ▶ Suitable for solid wood



Product properties						Ordering information					
Shank mm	Diameter (D) mm	Shank inch	Width (B) mm	Working length (L) mm	Radius (R1) mm	Total length (G) mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
8	25	-	5	-	58	2 608 628 353	P1a	1	1	358149	

● Pack quantity (Pieces per pack)

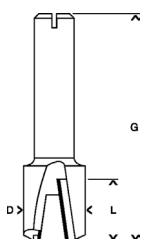
●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Hinge mortising bits

- ▶ For mortising shallow grooves for hinges or other furniture fittings

Hinge mortising bit, two flutes, tungsten carbide

- ▶ **Suitable for** solid wood or board materials
- ▶ The special shape of this bit ensures good chip clearance, quiet running and high-quality cutting



Product properties					Ordering information						
Shank mm	Diameter (D) mm	Shank inch	Width (B) mm	Working length (L) mm	Radius (R1) mm	Total length (G) mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode
8	12.7	-	12.7	50.8	-	50.8	2 608 628 399	P2a	1	1	358606



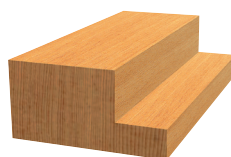
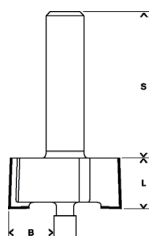
Rebating bits



- ▶ For manufacturing furniture and frames (windows, doors, pictures)
- ▶ With ball bearing pilot for easy guiding directly on the workpiece without a template

Rebating bits with ball bearing pilot, two flutes, tungsten carbide

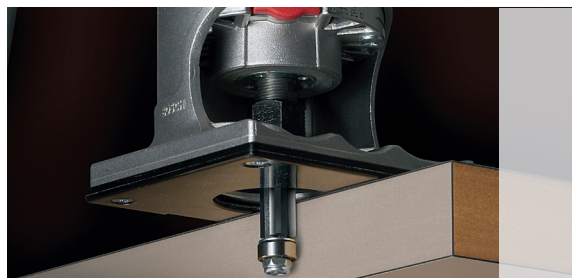
- ▶ Suitable for solid wood and board materials



Product properties						Ordering information					
Shank mm	Diameter (D) mm	Shank inch	Width (B) mm	Working length (L) mm	Radius (R1) mm	Total length (G) mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
8	-	-	9.5	12.7	-	54	2 608 628 350	P2a	1	1	358118
-	25.4	1/4	-	12.7	-	54	2 608 628 417	P1a	1	1	358781

* only available in GB

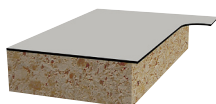
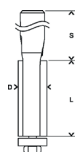
Laminate trim bits



- ▶ For flush trimming and chamfering laminated boards, wood beams, corner beads in furniture manufacture and shop fitting
- ▶ With ball bearing pilot for easy guiding directly on the workpiece without a template

Laminate trim bits with ball bearing pilot, two flutes, tungsten carbide

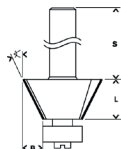
- ▶ **Suitable** for solid wood and abrasive board materials



Shank mm		Diameter (D) mm		Shank inch		Width (B) mm		Working length (L) mm		Radius (R1) mm		Total length (G) mm		Part number		Packaging type		Pack quantity		Minimum order quantity		Barcode 3165140...	
Product properties												Ordering information											
8	9.5	-	-	25.4	-	68	2 608 628 346	P2a	1	1	358071												
8	12.7	-	-	13	-	56	2 608 628 347	P2a	1	1	358088												
8	12.7	-	-	25.4	-	68	2 608 628 348	P2a	1	1	358095												
-	6.3	1/4	-	12.7	-	54	2 608 628 635	P2a	1	1	361057	*											
-	9.5	1/4	-	14.3	-	56	2 608 628 636	P2a	1	1	361064	*											
-	12.7	1/4	-	12.7	-	56	2 608 628 637	P2a	1	1	361071	*											

* only available in GB

Chamfer/laminate trim bits with ball bearing pilot, two flutes, tungsten carbide



Shank mm		Shank inch		Width (B) mm		Diameter (D) mm		Working length (L) mm		Total length (G) mm		Angle degrees		Part number		Packaging type		Pack quantity		Minimum order quantity		Barcode 3165140...	
Product properties												Ordering information											
8	-	5.5	23.7	12	54	25	2 608 628 351	P1a	1	1	358125												
-	1/4	13	35	14.6	56	45	2 608 628 416	P1a	1	1	358774	*											

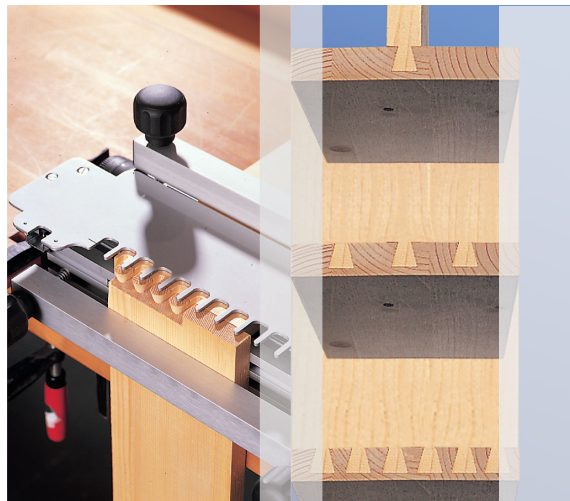
* only available in GB

● Pack quantity (Pieces per pack)

●●●● Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.



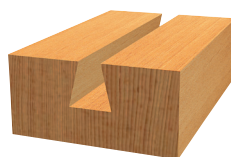
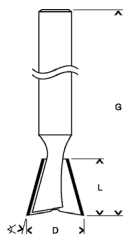
Dovetail bits



- ▶ For the production of dovetail joints
- ▶ For open or concealed dovetails
- ▶ For semi-concealed dovetails in conjunction with dovetail jig
- ▶ For routing precise grooves, e.g. within a solid wood table to prevent warping

Dovetail bit, two flutes, tungsten carbide

- ▶ **Suitable for solid wood**



Product properties							Ordering information				
Shank mm	Shank inch	Width (B) mm	Diameter (D) mm	Working length (L) mm	Total length (G) mm	Angle degrees	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
8	-	-	14	15	55	15	2 608 628 408	P1a	1	1	358699

● Pack quantity (Pieces per pack)

■ Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Accessories for Bosch universal routers and biscuit jointers

Blade cutters, 105 mm diameter, for Bosch universal router



- ▶ For cutting grooves, biscuit joints and flat dowels in wood
- ▶ Easy production of country style look with the versatile Bosch universal router and the appropriate Bosch straight bit

Diameter mm	Number of teeth	Width mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode 3165140...
Product properties			Ordering information				



Backing flange
Appropriate for GFF 22 A Professional

20	-	-	3 605 700 155	P1c	1	1	184380
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Blade cutter
Appropriate for GUF 4-22 A Professional; PSF 22 A

20	8	4	3 608 641 008	C1c	1	1	013802
20	10	2.8	3 608 641 001	C1c	1	1	012546



Blade cutter
for Universal Router GUF 4-22 A, Wall Chaser PSF 22 A, only together with
backing flange 3 605 700 155 also for Biscuit Jointer GFF 22 A
Appropriate for GOF 900 A; GOF 900 ACE; GOF 1200 A; GOF 1300 ACE Professional;
POF 800 ACE; POF 1100; POF 1300

20	22	2.8	3 608 641 002	C1c	1	1	012560
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Blade cutter
Appropriate for GFF 22 A Professional

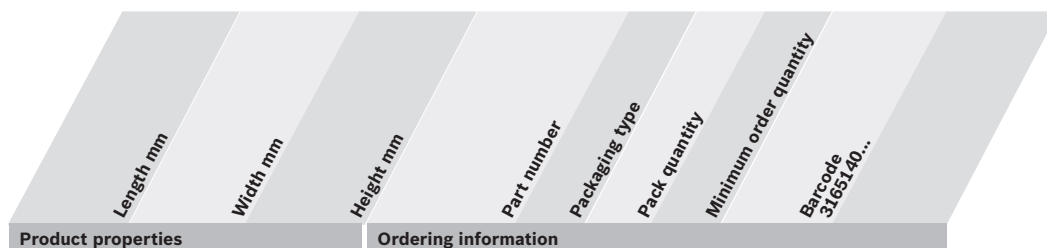
105	8	4	3 608 641 013	C1c	1	1	184359
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Biscuit dowels for Bosch biscuit jointer



► For perfect joints



Product properties			Ordering information				
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Biscuit dowels GR 0

Length mm	Width mm	Height mm	Part number	Packaging type	Pack quantity	Minimum order quantity	Barcode
45	15	4	2 607 000 796	P1d	50	1	081443
45	15	4	2 607 000 147	C0a	1000	1	032971

Biscuit dowels GR 10

55	19	4	2 607 000 797	P1d	50	1	093880
55	19	4	2 607 000 148	C0a	1000	1	032988

Biscuit dowels GR 20

60	23	4	2 607 000 103	P1d	50	1	012829
60	23	4	2 607 000 149	C0a	1000	1	032995



● Pack quantity
(Pieces per pack)

■ Minimum order quantity. The minimum order quantity is a fixed quantity of packs. Orders are carried out only in multiples of the minimum order quantity.

Part number index

Part number	Page	MOQ*	Part number	Page	MOQ*	Part number	Page	MOQ*	Part number	Page	MOQ*
2 600 100 185	69	1	2 608 628 387	89	1	2 608 640 501	53	1	2 608 640 700	57	1
2 600 100 186	69	1	2 608 628 388	89	1	2 608 640 503	53	1	2 608 640 701	57	1
2 600 100 187	69	1	2 608 628 389	89	1	2 608 640 505	53	1	2 608 640 702	57	1
2 600 100 188	69	1	2 608 628 390	89	1	2 608 640 506	53	1	2 608 640 703	57	1
2 600 100 192	69	1	2 608 628 391	89	1	2 608 640 507	53	1	2 608 640 704	57	1
2 600 100 193	69	1	2 608 628 392	89	1	2 608 640 508	53	1	2 608 640 705	57	1
2 600 100 194	69	1	2 608 628 393	79	1	2 608 640 509	53	1	2 608 640 725	46	1
2 600 100 195	69	1	2 608 628 394	80	1	2 608 640 510	53	1	2 608 640 727	46	1
2 600 100 197	69	1	2 608 628 395	80	1	2 608 640 511	53	1	2 608 640 728	46	1
2 600 100 201	69	1	2 608 628 396	80	1	2 608 640 513	53	1	2 608 640 729	46	1
2 600 100 202	69	1	2 608 628 397	80	1	2 608 640 514	53	1	2 608 640 731	46	1
2 600 100 203	69	1	2 608 628 398	82	1	2 608 640 515	53	1	2 608 640 732	45	1
2 600 100 207	69	1	2 608 628 399	93	1	2 608 640 516	54	1	2 608 640 761	57	1
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2 600 100 211	69	1	2 608 628 404	91	1	2 608 640 583	45	1	2 608 640 774	50	1
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*Minimum Order Quantity

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Part number	Page	MOQ*
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3 605 700 155	97	1
3 608 641 001	97	1
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3 608 641 008	97	1
3 608 641 013	97	1

*Minimum Order Quantity

Date of production or packing

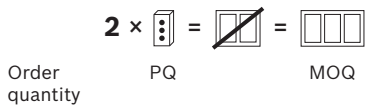
Encrypted month codes

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January	581	681	781	881	981	001	101	201	301	417	517
February	582	682	782	882	982	002	102	202	302	418	518
March	583	683	783	883	983	003	103	203	303	419	519
April	584	684	784	884	984	004	104	204	304	420	520
May	585	685	785	885	985	005	105	205	305	453	553
June	586	686	786	886	986	006	106	206	306	454	554
July	587	687	787	887	987	007	107	207	307	455	555
August	588	688	788	888	988	008	108	208	308	456	556
September	589	689	789	889	989	009	109	209	309	457	557
October	590	690	790	890	990	010	110	210	310	458	558
November	591	691	791	891	991	011	111	211	311	459	559
December	592	692	792	892	992	012	112	212	312	460	560

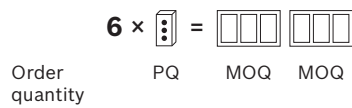
The Bosch ordering and packaging control system

The ordering and packaging control system makes it easier to order the right amount and find the packaging type at a glance.

Order quantities are rounded up to the minimum order quantity.



Order quantities must be a multiple of the minimum order quantity: 3, 6, 9...



Example:

Step 1: The packaging type for each part number can be found on the product pages:



Ordering information

2 608 585 780	P1p	1	1	511421
2 608 585 781	P1p	1	1	511438

Step 2: An illustration of the corresponding packaging type and specifications about the type of suspension and form of the packaging can be found on the back cover.



P1p Watchbox with Euro hole

P2p Watchbox with other type of suspension

Step 3: What is the structure of a packaging type code?



1. There are six different material groups which are identified by the initial letter in the English packaging code:

- Packaging made of paper, cardboard or corrugated board (**C**ardboard)
- Plastic packaging (**P**lastic)
- Combined plastic / cardboard packaging (**P**lastic and **C**ardboard)
- Metal packaging (**M**etal)
- Unpacked product (**U**npacked)
- Wood packaging (**W**ood)

2. Each packaging has one of three different types of suspension:

- 0 without any type of suspension
- 1 with Euro hole
- 2 other type of suspension

3. In the six material groups, each form of packaging is identified by a lower case letter:

C Packaging made of paper, cardboard or corrugated board

- a Box
- b Folded carton
- c Pocket
- d Sleeve
- e Hanger
- f Paper bag
- h Tube
- k Carton with sleeve

P Plastic packaging

- a Box
- b Bag
- c Pouch
- d Bag with tab card
- e Hanger
- f Shrink-wrapped
- h Tube
- k Cassette
- n Sleeve
- p Watchbox

PC Combined plastic/cardboard packaging

- a Blister
- b Folding blister
- c Shrink-wrapped carton
- d Tight Pack

M Metal packaging

- a Cassette
- b Aerosol

U Unpacked product

No form specifications

W Wood packaging

- a Case

Packaging that conveys clear information

Packaging made of paper, cardboard or corrugated board (**Cardboard**)



C0a Box without any type of suspension



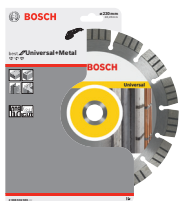
C1a Box with Euro hole



C2a Box with other type of suspension



C1b Folded carton with Euro hole



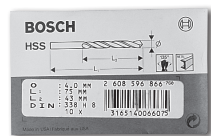
C1c Pocket with Euro hole



C1d Sleeve with Euro hole



C1e Hanger with Euro hole



C0f Paper bag without any type of suspension



C0h Tube without any type of suspension



C2h Tube with other type of suspension



C1k Carton with sleeve and Euro hole

Plastic packaging (Plastic)



P0a Box without any type of suspension



P1a Box with Euro hole



P0b Bag without any type of suspension



P1b Bag with Euro hole



P1c Pouch with Euro hole



P2c Pouch with other type of suspension

P2a Box with other type of suspension



P1d Bag with tab card and Euro hole



P1e Hanger with Euro hole

P2e Hanger with other type of suspension



P0f Shrink-wrapped without any type of suspension



P1f Shrink-wrapped with Euro hole



P0h Tube without any type of suspension



P1h Tube with Euro hole



P1k Cassette with Euro hole



P0n Sleeve without any type of suspension



P1p Watchbox with Euro hole



P2p Watchbox with other type of suspension

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



PC1a Blister with Euro hole



PC1b Folding blister with Euro hole



PC1c Shrink-wrapped carton with Euro hole



PC1d Tight Pack with Euro hole

Metal packaging (**M**etal)

Unpacked product (**U**npacked)

Wood packaging (**W**ood)



M1a Cassette with Euro hole



M0b Aerosol without any type of suspension



U0 Without any type of suspension



W0a Case without any type of suspension



