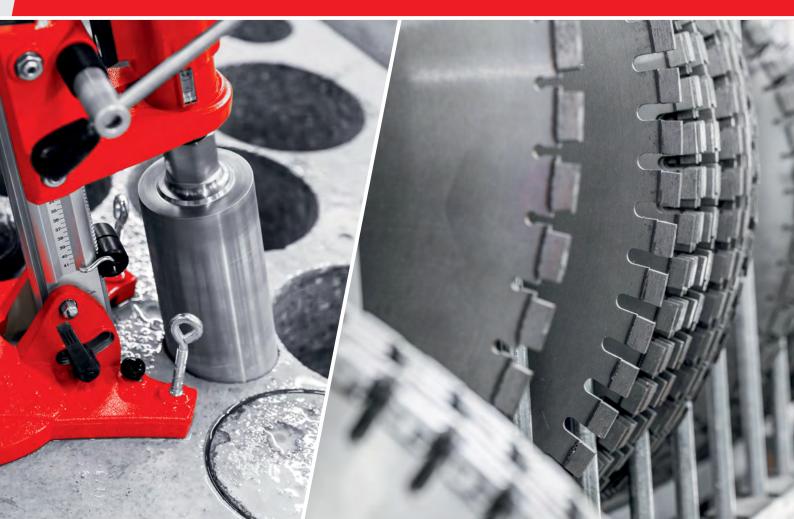




Core drilling, wall and wire saw systems for the toughest conditions



Your personal contact at EURODIMA



You have not yet met your personal contact?

Please scan the QR code or visit: https://www.eurodima.com/contact/

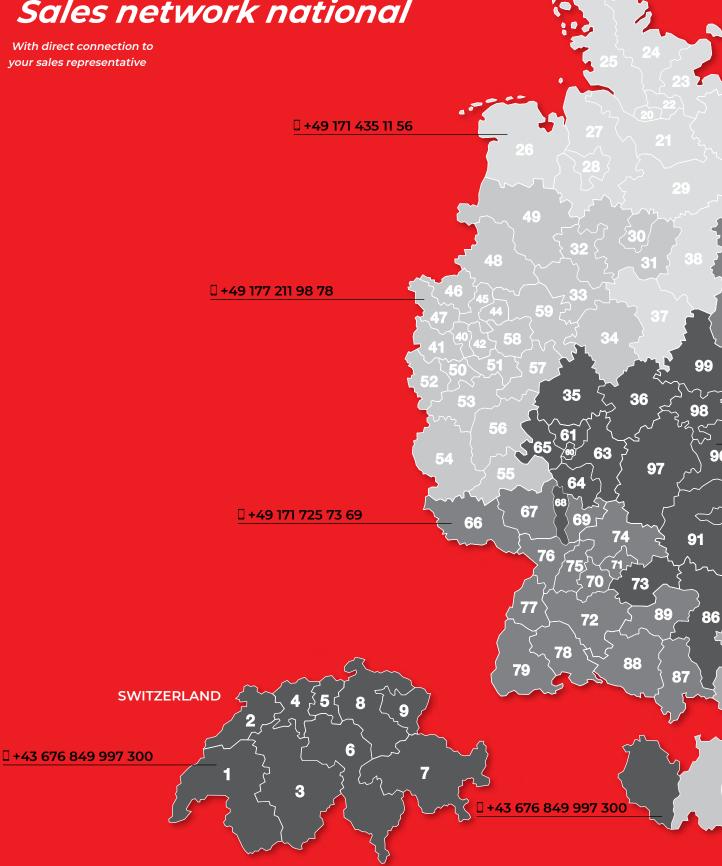
You can call us in the headquarter on: +43 662 42 42 48-0

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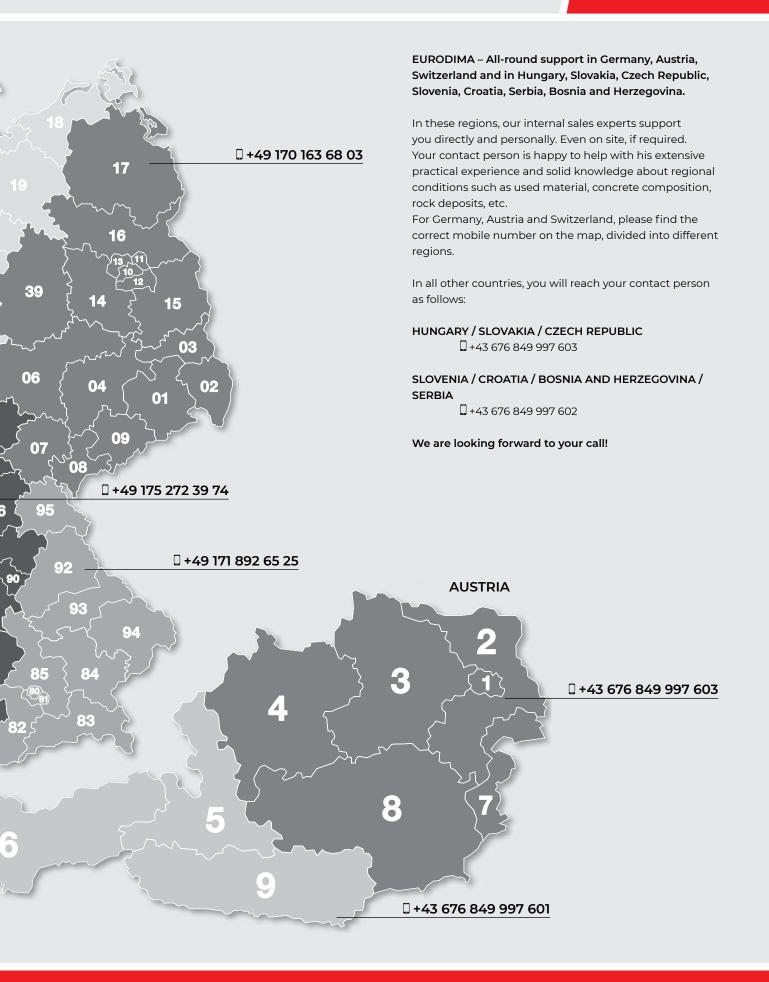
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your sales representative



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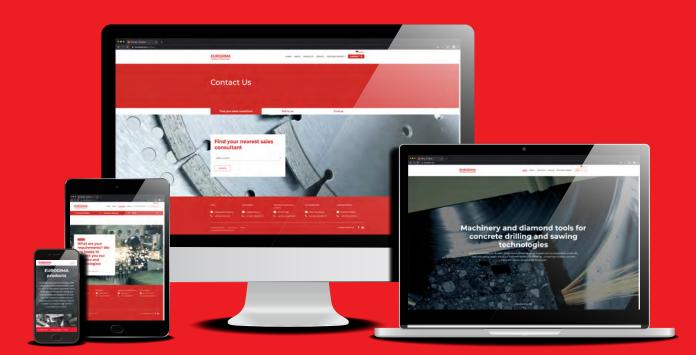


EURODIMA – A company rich in tradition for professional tools and machines for sawing and drilling concrete.

For more than two decades, EURODIMA in Wals near Salzburg, Austria, has specialised in the development of machines and tools for professional use when drilling and sawing concrete. With company-specific development and in-house machine engineering capabilities, we are able to fulfil individual, special requests from our customers. With its partners and sales team members, EURODIMA is globally present. With the background of the Company Group Rothenberger and our own dedicated team, sustainability for further dynamic growth is guaranteed.



www.eurodima.com



EURODIMA online – With our extensive product range, you will always remain up to date. Benefit now!

On our website www.eurodima.com, you will find the following features:

- / Find sales representatives by entering your country and the corresponding postcode
- / Direct contact to our sales department in the back office
- / Extensive product information

- / Latest monthly promotions
- / Downloads of the product catalogue and all product data sheets
- / List of products in sale
- / Latest projects



Your personal contact

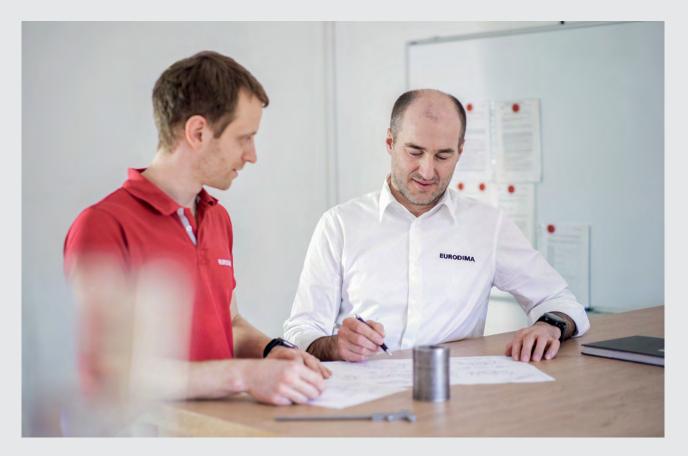
EURODIMA Image spot





Customer Service

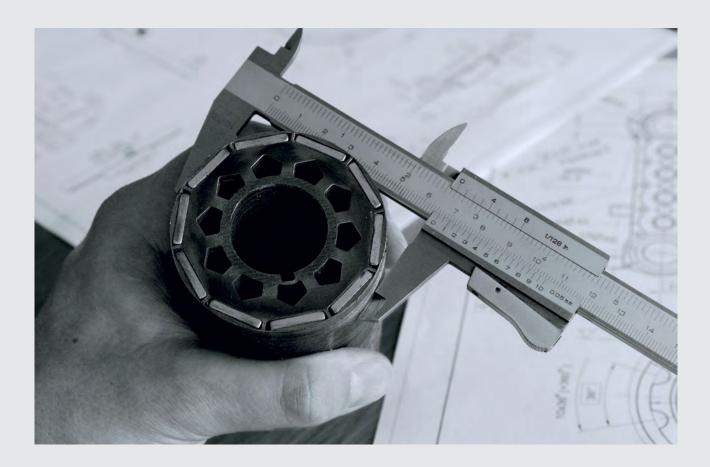
We offer everything from one source



First-class service and experienced advice.

EURODIMA places great value on high quality tools and state-of-the-art technologies, combined with first-class and quick service. Qualified employees with many years of experience give advice for your purchase and support for using the products. Competent guidance for selecting the right machines and tools will guarantee maximum competency for the correct decision. Our service team with many years of experience is available for quick and competent support and repairs. This reduces idle times and downtime to a minimum. Continuous product and usage trainings complete this service package by EURODIMA.

Research & Development



Our slogan: Innovation Creates Leadership

EURODIMA's focus is on maximum quality despite highest strain in daily use. Our customers shall be able to rely on the reliability of our products.

To respond quickly to new requirements, our focus always lies on the customer. To keep our competitive edge, we put great effort in the continuous development of our products. We achieve this with the know-how and practical experience of our long-term designers. In our 3D CAD design, we create complex mechanisms, develop individual electric motors, milling and casting parts and the corresponding documentation. Matching the mechanics, we develop the complete control technology including distribution boxes and controls. Afterwards, our own technicians commission and program the systems. In our prototype workshop, we are able to check the functionality of all components and optimise them in the best way for daily use.

All machines are tested completely on the performance test bench in our test facilities before delivery. Quality you can rely on.



Explanation of symbols and pictograms



Angle grinder



Manual / patrol cut-off saw



Floor cutter (7.5 kW – 11 kW)



Floor cutter XL (11 kW – 25 kW)



Floor cutter XXL (18 kW – 75 kW)



Table saw





FEE recommended With these tools, optimum results concerning tool life and cutting ability

suitable

This tool can be used, however, tool life and cutting ability can vary

€+ Superior processing and higher diamond density

General remarks

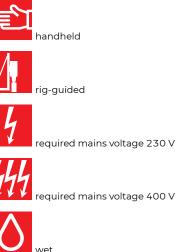
/ Segment foot height

The segment foot height can vary between 1 - 2 mm

/ NL = pin hole

/ ST = cup wheel

/ SR = diamond ring



required mains voltage 400 V





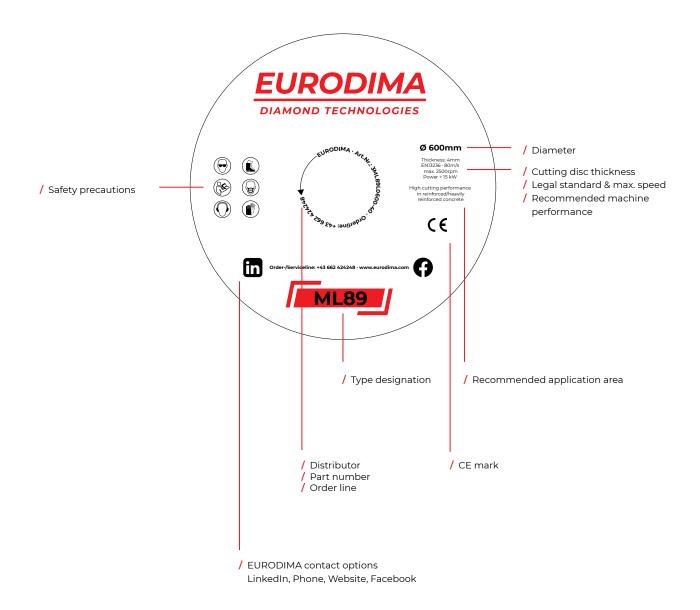


set diamonds



Explanation of symbols and pictograms

/ Cutting disc branding



Common holes for saw blades

/ Wall saws



Manufacturer/Type	н	тк	N C	ountersunk screw	Designation
EURODIMA WM50/WM90	50	110	6	M8	B1
EURODIMA SB 120, Brau.	60	90	6	M8	B4
EURODIMA SB 321, WS20E, Brau.	60	110	6	M8	B5
EURODIMA SB 321/WS20E/WS20H, Hydro./Tyr.	60	130	6	M8	В7
EURODIMA WS20H, Hil., Husq.	60	110	6	M10	B10
Pent. (counter-rotating)	60	130	6	M8	B12

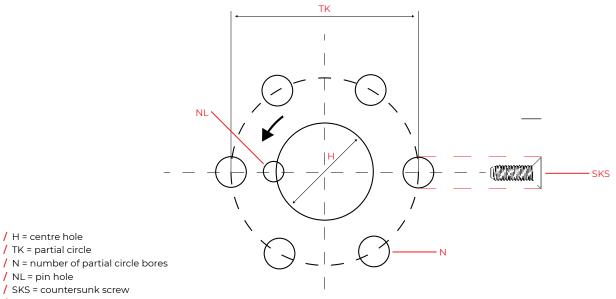
/ Different hole pattern available on request

/ Floor cutter



Manufacturer/Type	н	тк	N	Countersunk screw	Designation
Ced., Liss.	35 + NL	120	6	D14*	B2
Dem. (old)	25.4 + NL	92	6	M6	B35
Dem. (new)	25.4 + NL	92	6	M8	B36
EURODIMA FS800E	25.4 + NL	110	6	M8	B37
HQV Ø 1,200 mm	25.4 + NL	76.2	4	D12*	B38
HQV Ø 1,500 mm	25.4 + NL	152.4	6	D14*	B39

/ Different hole pattern available on request



/ *Feedthrough

/ Always indicate manufacturer/type when ordering a sawing blade



Our patent-protected welding process

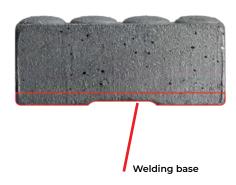
For more than 10 years, EURODIMA has been using its application from the automotive industry, protected by patent, for the connection between diamond segment and drill bit tube. The capacitor discharge welding process (CD welding) creates the perfect and high-strength joint.

Application benefits:

- / CD welding benefits from a very short welding time. This guarantees minimum thermal modifications (heat exposure) onto the material
- / Compared to soldering or laser welding, the load on the segment is less
- / The segment retains its positive properties such as strength, bonding structure, etc. much better
- / The segment adopts a high-strength connection to the drill bit tube
- / Therefore, a possible segment loss is almost impossible
- / Due to exact parametrising, the segments are placed accurately to a tenth of a millimetre onto the drill bit tube
- / Higher process quality and shorter cycle times of these welding systems are directly measurable and controllable







Important notes about handling diamond drill bits

/ Make sure to use the correct speed

Using the recommended speed will lead to the best results, and the basic principle applies that a larger diameter requires lower speeds.

/ Make sure to use the correct contact pressure

The diamonds and the speed will get the job done, but an excessive contact pressure at the drill bit will cause blunting of the diamonds, which will result in a low cutting speed and in the worst case in stand-still.

/ Make sure to use the correct motor capacity

Before starting the drilling motor, make sure that it has sufficient capacity for the drill bit used.

/ Make sure that the diamonds are sharp

Drilling into a sharpening stone or abrasive material will bring new diamonds to the surface and the drill bit will cut like a new one.

/ Attention – avoid shaking

An even contact pressure makes a smooth cut and the drill bit will have a longer tool life and period of application.

/ Attention – avoid hammering

When hammering on the segments, the diamonds will break – not only on the surface. If the diamonds fall out quickly, the tool life is significantly reduced.

/ Make sure to retip the segments

Defect or worn segments can be replaced easily - just use our retipping service.

/ Make sure to use the correct segment type

For different areas of application, i.e. different materials, aggregates and percentage of reinforcement, there are different segments with various hardnesses and diamond concentrations. Only a precise selection of the correct segment will guarantee optimum cutting results and tool life.

/ Make sure to supply sufficient water

When too less water is used, the drill sludge cannot be removed efficiently. This might reduce the life time of the segments.



Important notes about handling cutting blades

/ Make sure to use the correct speed

Depending on the application and diameter, the sawing blade circumferential speed must be between 30 and 100 m/s. The larger the blade diameter, the lower the speed. For wall saws, the speed is lower than for floor cutters, and cutting concrete is slower than cutting asphalt or fresh concrete. A lower speed can optimise the cutting result for a blunt blade. If the blade wears too much, simply increase the speed.

/ Make sure to supply sufficient water

The best cutting results are achieved with sufficient water supply at the blade.

/ Make sure that the flange is clean and even

When the blade is clamped with a clean and even flange that is free of burrs and corrosion, the cut will be straight and precise. A bad contact surface will cause unilateral wear, as well as oval and worn out locating holes.

/ Make sure that the diamonds are sharp

Cutting into a sharpening stone or abrasive material will bring new diamonds to the surface and the sawing blade will cut like a new one.

/ Make sure to use the correct saw blade model

Only the use of the correct saw blade for the corresponding application, such as fresh concrete, reinforced concrete, brick, natural stone, asphalt, wall saws, floor cutting, etc. will achieve optimum cutting results and best tool life.

/ Make sure to use the correct power

Does the machine have sufficient power for the blade that is being used? A lower power could require a softer bond or other toothing.

/ Make sure to retip the segments

Defect or worn segments can be replaced easily. Just use our retipping service (available for all diameters).

/ Observe the "runout"

Every time before using the machine, check it for worn bearings or deformed and worn shafts, to avoid runout of the blade and reduce wear. Only a flawless machine condition will lead to longer tool life and reliable cutting results.

/ Make sure to apply the right pressure

Too much pressure on the blade will blunt the diamonds, which will create tensions in the blade creating runout. For lighter machines, the blade might rise up in the cut or the motor might malfunction. Regular and smooth cutting noises are an indicator for optimum conditions.

/ Observe the rotation direction

Always insert the blade in the same rotation direction indicated on the saw blade. This will lead to a significantly longer tool life and smooth operation.

/ Observe the sand

The saw blade should never enter the underground when cutting e.g. asphalt or a floor slab, since it could lead to water loss and increased wear of the saw blade and the segments.

/ Make sure to use the correct tension

The blades are all tensioned for the respective application to guarantee a straight cut at the predefined speed. If the saw blade speed is too high or too low, it could be start to flutter or hit, causing high lateral friction or even cracks in the saw blade. In addition, damages to the machine are likely.

/ Make sure to use the correct dimensions

Saw blades are available in different diameters, with different segments, and of course in different thicknesses. The saw blade should be adapted optimally to every area of application to achieve the best possible results.

/ Check the saw blade for damages

If a saw blade is worn out, flutters or shows cracks, do not use it under any circumstances since it poses a very high risk of death.



Saw blades & accessories

Angle grinder max. Ø 230 mm



recommended suitable €+



			_				
▼Material	Tool►	LB45	SPL20	SK28	ST42*	TL45	SPS40
General construction	site material						
Abrasive materials						-	
Old concrete			-				
Concrete							
Roof tile							
Porcelain stoneware							
Tiles							
Granite						-	
Granite slabs thin							
Marble							
Natural & artificial sto	one					-	
Reinforced concrete							
Exposed aggregate c	oncrete						
Brick							

Manual/patrol cut-off saws ø 230-400 mm



▼Material	Tool►	LA85	LA90	FBL90	SPL 20	TL 45	SR** up	SR** from
							to Ø 360	Ø 400
Asphalt								
Concrete								
Screed								
Fresh concrete					-			
Granite								
Glass								
Wood								
Sand-lime brick								
Plastic								
Steel & iron								
Reinforced concrete								
Brick								

/*cup wheel

/ **diamond ring

/ Special tools are available on request for special applications/machines.

7.5-11 kW (10-15 HP), max. Ø 800 mm

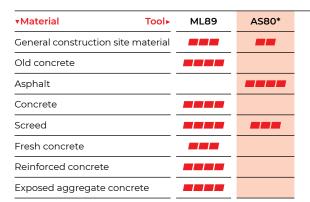
▼Material Tool►	E26	LA90	ML88	ML89	AS80*
General construction site material					
Old concrete					
Asphalt					
Concrete					
Screed					
Fresh concrete					-
Granite					
Sand-lime brick					
Reinforced concrete					
Exposed aggregate concrete					-

Electric floor cutters

	 2.50	101200	1.1205	7.000
General construction site material				
Old concrete				
Asphalt				
Concrete				
Screed				
Fresh concrete				-
Granite				
Sand-lime brick				
Reinforced concrete				
Exposed aggregate concrete				-



from 11 kW (from 15 HP), Ø 600–1,200 mm



/*AS80 suitable for wet operation only.

/ Special tools are available on request for special applications/machines.

recommended suitable €+

EURODIMA DIAMOND TECHNOLOGIES







Patrol/diesel floor cutter up to 9.5 kW (13 HP), max. Ø 600 mm



recommended suitable €+



▼Material Tool►	FBL90	LA85	LA90	LB45	SPL20	TL45
General construction site material						
Old concrete						
Asphalt					-	
Concrete						
Roof tile						
Screed						
Fresh concrete						
Granite						
Sand-lime brick						
Natural & artificial stone						-
Reinforced concrete						
Exposed aggregate concrete						
Brick						

Diesel floor cutter from 15–25 kW (20–34 HP), Ø 600–1,200 mm



ML89	AS80*

/ Special tools are available on request for special applications/machines.



Diesel floor cutter 18–75 kW (25–100 HP), Ø 600–1,200 mm



recommended suitable €+



Saw blades on request

Table saw
Ø 200–1,000 mm



Material Tool►	SPL20	TL45	SK28	ML88	SA80
General construction site material					
Old concrete					
Concrete					
Roof tile					
Granite					
Natural & artificial stone	-				-
Exposed aggregate concrete	-				
Brick					

/ Special tools are available on request for special applications/machines.

Wall saws



recommended suitable €+



▼Material Too	ML15	ML88	ML89
Reinforced concrete			
Reinforced concrete with hard aggregates (granite)			
Reinforced concrete with high percentage of iron	_		



▼ Material	Tool►	ML15	ML15V	ML89
Reinforced concrete				
Reinforced concrete with hard aggregates (gran	ite)			
Reinforced concrete with high percentage of iron	n	-		



▼Material 1	Tool►	ML15V	ML89	
Reinforced concrete				
Reinforced concrete with hard aggregates (granit	e)			
Reinforced concrete with high percentage of iron		-		

/ Special tools are available on request for special applications/machines



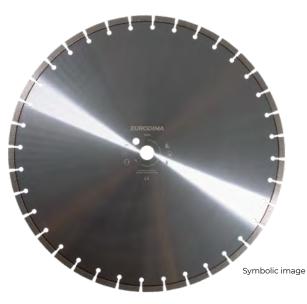
Diamond cutting disc LB45

/ Laser welded

/ For cutting general construction site material, abrasive materials, old concrete, concrete, roof tiles, screed, reinforced concrete, exposed aggregate concrete and brick

Ø blade mm	Ø hole + NL* mm	No. of segments	Segment width mm	Segment height mm	Part no.
125	22.23 + NL	9	2.3	10	3LB45-0125-2
230	22.23 + NL	16	2.6	10	3LB45-0230-2
300	20.00 + NL	21	3.0	10	3LB45-0300-1
300	25.40 + NL	21	3.0	10	3LB45-0300-3
350	20.00 + NL	24	3.2	10	3LB45-0350-1
350	25.40 + NL	24	3.2	10	3LB45-0350-3
400	25.40 + NL	28	3.5	10	3LB45-0400-3
500	25.40 + NL	36	4.0	10	3LB45-0500-3
600	25.40 + NL	42	4.5	10	3LB45-0600-3

/ Intermediate and special sizes as well as special holes available on request









Diamond cutting disc TL45

/ Laser welded

/ Turbo-segmented diamond cutting disc

/ For cutting general construction site material, abrasive materials, old concrete, asphalt, concrete, roof tiles, screed, granite, sand-lime brick, natural & artificial stone, reinforced concrete, exposed aggregate concrete and brick

Ø blade mm	Ø hole + NL* mm	Segment Number	Segment width mm	Segment height mm	Part no.
125	22.23 + NL	9	2.3	10	3TL45-0125-2
230	22.23 + NL	16	2.6	10	3TL45-0230-2
300	25.40 + NL	21	3.0	10	3TL45-0300-3
350	25.40 + NL	24	3.2	10	3TL45-0350-3
400	25.40 + NL	28	3.5	10	3TL45-0400-3
450	25.40 + NL	32	4.0	10	3TL45-0450-3
500	25.40 + NL	36	4.0	10	3TL45-0500-3
600	25.40 + NL	42	4.7	10	3TL45-0600-3

/ Intermediate and special sizes as well as special holes available on request

/ *NL = pin hole

/ The segment foot height can vary between 1 - 2 mm





Diamond cutting disc SPL20 €+

/ Laser welded

/ For cutting general construction site material, abrasive materials, old concrete, asphalt, concrete, roof tiles, screed, fresh concrete, granite, sand-lime brick, natural & artificial stone, reinforced concrete, exposed aggregate concrete and brick

Ø blade mm	Ø hole + NL* mm	Segment Number	Segment width mm	Segment height mm	Part no.
115	22.23 + NL	9	2.2	10	3SPL20-0115-2
125	22.23 + NL	10	2.2	10	3SPL20-0125-2
230	22.23 + NL	15	2.6	10	3SPL20-0230-2
300	25.40 + NL	20	3.0	10	3SPL20-0300-3
350	25.40 + NL	23	3.0	10	3SPL20-0350-3
400	25.40 + NL	26	3.2	10	3SPL20-0400-3
450	25.40 + NL	30	3.2	10	3SPL20-0450-3

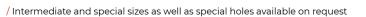
/ Intermediate and special sizes as well as special holes available on request

Diamond cutting disc LA85

/ Laser welded

/ For cutting asphalt, screed, fresh concrete, sandlime brick and brick

Ø blade mm	Ø hole + NL* mm	Segment Number	Segment width mm	Segment height mm	Part no.
300	25.40 + NL	18 <mark>(3)</mark>	3.0	10	3LA85-0300-3
350	20.00 + NL	21 <mark>(3)</mark>	3.2	10	3LA85-0350-1
350	25.40 + NL	21 <mark>(3)</mark>	3.2	10	3LA85-0350-3
400	20.00 + NL	24 <mark>(4)</mark>	3.5	10	3LA85-0400-1
400	25.40 + NL	24 <mark>(4)</mark>	3.5	10	3LA85-0400-3
450	25.40 + NL	28 <mark>(4)</mark>	4.0	10	3LA85-0450-3
500	25.40 + NL	30 <mark>(5)</mark>	4.0	10	3LA85-0500-3
600	25.40 + NL	36 <mark>(6)</mark>	4.5	10	3LA85-0600-3



/ (3), (4), (5), (6) defines the corresponding number of master core protection segments





/ *NL = pin hole

/ The segment foot height can vary between 1 - 2 mm





Diamond cutting disc LA90 €+

/ Laser welded

- / Premium disc for longer tool life (higher diamond concentration than LA85)
- / For cutting asphalt, screed, fresh concrete, sandlime brick and brick

Ø blade mm	Ø hole + NL* mm	Segment Number	Segment width mm	Segment height mm	Part no.
300	25.40 + NL	18 <mark>(3)</mark>	3.0	10	3LA90-0300-3
350	20.00 + NL	21 <mark>(3)</mark>	3.2	10	3LA90-0350-1
350	25.40 + NL	21 <mark>(3)</mark>	3.2	10	3LA90-0350-3
400	20.00 + NL	24 <mark>(4)</mark>	3.5	10	3LA90-0400-1
400	25.40 + NL	24 <mark>(4)</mark>	3.5	10	3LA90-0400-3
450	25.40 + NL	28 <mark>(4)</mark>	4.0	10	3LA90-0450-3
500	25.40 + NL	30 <mark>(5)</mark>	4.0	10	3LA90-0500-3
600	25.40 + NL	36 <mark>(6)</mark>	4.5	10	3LA90-0600-3

/Intermediate and special sizes as well as special holes available on request

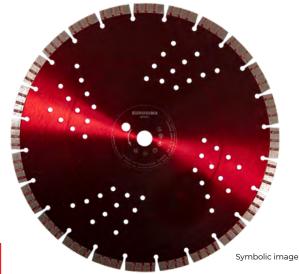
/ (3), (4), (5), (6) defines the corresponding number of master core protection segments

Diamond cutting disc SPS40

/ Laser welded

- / For cutting general construction site material, old concrete, concrete, porcelain stoneware, granite, thin granite slabs, marble, reinforced concrete and exposed aggregate concrete
- / Turbo segment and cooling holes

Ø blade mm	Ø hole + NL* mm	No. of segments	Segment width mm	Segment height mm	Part no.
115	22.23 + NL	8	2.4	12	3SPS40-0115-2
125	22.23 + NL	9	2.4	12	3SPS40-0125-2
150	22.23 + NL	12	2.6	12	3SPS40-0150-2
230	22.23 + NL	16	2.8	12	3SPS40-0230-2
300	20.00 + NL	20	3.2	12	3SPS40-0300-1
350	20.00 + NL	24	3.2	12	3SPS40-0350-1
350	25.40 + NL	24	3.2	12	3SPS40-0350-3





/ Intermediate and special sizes as well as special holes available on request

/ *NL = pin hole

/ The segment foot height can vary between 1 - 2 mm

Diamond cutting disc SK28

/ For cutting porcelain stoneware, tiles, granite, thin granite slabs, marble and natural & artificial stone

Ø blade mm	Ø hole mm	Segment width mm	Segment height mm	Part no.
115	22.23	1.7	8.0	3SK28-0115-2
125	22.23	1.7	8.0	3SK28-0125-2
150	22.23	1.7	8.0	3SK28-0150-2
180	22.23	1.7	8.0	3SK28-0180-2
200	25.40	1.7	8.0	3SK28-0200-3
230	22.23	2.3	10.0	3SK28-0230-2
250	30.00	2.3	10.0	3SK28-0250-4
300	30.00	2.3	10.0	3SK28-0300-4
350	30.00	2.3	10.0	3SK28-0350-4

/ Intermediate and special sizes as well as special holes available on request







Diamond cup wheel ST42 €+ (Premium

- / For grinding general construction site material, old concrete, concrete, reinforced concrete and exposed aggregate concrete
- / Dual segmentation

Symbolic image



Ø blade mm	Ø hole mm	No. of segments	Segment height mm	Construction height mm	Part no.
100	22.23	16	5.0	22	3ST42-0100-2
125	22.23	20	5.0	25	3ST42-0125-2
150	22.23	24	5.0	30	3ST42-0150-2
180	22.23	28	5.0	30	3ST42-0180-2

/ Intermediate and special sizes available on request

/ The segment foot height can vary between 1 - 2 mm



Diamond cutting disc FBL90

/ Laser welded
/ With protection segments
/ For cutting fresh concrete, asphalt and screed
/ Narrow toothing

Ø blade mm	Ø hole + NL* mm	No. of segments	Segment width mm	Segment height mm	Part no.
300	25.40 + NL	21	3.0	10	3FBL90-0300-3
350	25.40 + NL	24	3.0	10	3FBL90-0350-3
400	25.40 + NL	28	3.2	10	3FBL90-0400-3
450	25.40 + NL	32	3.4	10	3FBL90-0450-3
500	25.40 + NL	32	3.4	10	3FBL90-0500-3

/ Intermediate and special sizes as well as special holes available on request



Symbolic image





Diamond cutting ring SR

/ For powerful ring saws Ø 360 to Ø 400 mm

- / From Ø 400 mm with set diamonds
- / For cutting concrete, granite, reinforced concrete and brick
- / Available in different bonds (hardnesses)
- / Caution: Not all articles include drive rollers

Symbolic image

Ø blade mm	Bond	Segment width mm	Part no.	Area of application
360	Super soft	3.8 - 4.0	3SR-0350SS	for strongly reinforced concrete without drive rollers
360	Super soft	3.8 - 4.0	3SR-0350SSA	for strongly & very strongly reinforced concrete with drive rollers
360	Medium	3.8 - 4.0	3SR-0350M	for normally reinforced concrete without drive rollers
360	Hard	3.8 - 4.0	3SR-0350H	for brick & asphalt without drive rollers
400	Super soft	3.8 - 4.0	3SR-0400SS	for strongly reinforced concrete without drive rollers
400	Super soft	3.8 - 4.0	3SR-0400KESSA	for strongly reinforced concrete with drive rollers



/ Intermediate and special sizes available on request / pre-cut blade for WEKA TS40 with a segment width of 4.2-4.4 mm available (part no.: 3TS-0400KESSA)

/ *NL = pin hole

/ The segment foot height can vary between 1 - 2 mm

Diamond cutting disc E26

/ Lasered

/ For cutting general construction site material, old concrete, concrete, fresh concrete, sand-lime brick, reinforced concrete and exposed aggregate concrete

Ø blade mm	Toothing	Ø hole + NL* mm	No. of segments	Segment Width mm		Part no.
600	C1	25.40 + NL	36	3.8	20	3E26C10600-38
650	C1	25.40 + NL	38	3.8	20	3E26C10650-38
700	C1	25.40 + NL	38	3.8	20	3E26C10700-38
800	C1	25.40 + NL	46	3.8	20	3E26C10800-38
800	C1	25.40 + NL	46	4.7	20	3E26C10800-47

/ Intermediate and special sizes as well as special holes available on request



Symbolic image





Diamond cutting disc AS80 €+

/ Brazed

/ For cutting general

construction site material, old concrete, asphalt, screed, fresh concrete, exposed aggregate concrete and brick

	Ø blade mm	Toothing	Ø hole + NL* mm	No. of segments	Segment Width mm	Segment height mm	Part no.
	300	ClS	25.40 + NL	18	3.6	10	3AS80C1S0300-36
	350	ClS	25.40 + NL	21	3.6	10	3AS80C1S0350-36
r	400	ClS	25.40 + NL	24	3.6	10	3AS80C1S0400-36
	450	ClS	25.40 + NL	26	3.6	10	3AS80C1S0450-36
	500	ClS	25.40 + NL	30	3.6	10	3AS80C1S0500-36
	500	ClS	25.40 + NL	30	4.1	10	3AS80C1S0500-41
	600	ClS	25.40 + NL	36	4.1	10	3AS80C1S0600-41
	600	ClS	25.40 + NL	36	4.4	10	3AS80C1S0600-44
	600	ClS	25.40 + NL	36	4.7	10	3AS80C1S0600-47
	700	ClS	25.40 + NL	40	4.7	10	3AS80C1S0700-47
	800	ClS	25.40 + NL	46	4.7	10	3AS80C1S0800-47
	900	ClS	25.40 + NL	50	4.7	10	3AS80C1S0900-47
	1000	ClS	25.40 + NL	56	4.7	10	3AS80C1S1000-47



/ Intermediate and special sizes available on request, asphalt blades are delivered standard with oblique protection segments. Undercut protection segments are available on request

/ *NL = pin hole

/ The segment foot height can vary between 1 - 2 mm



Diamond cutting disc SA80

/ With brazed segments

- / All-round product for abrasive materials
- / Suitable only for wet cutting
- / Designed for the highest loads



Ø blade mm	Toothing	Ø hole + NL* mm	No. of segments	Segment Width mm	Segment height mm	Part no.
625	long toothing	60 + 4 x NL	36	4.5	10	3SA80-0625-7
650	long toothing	60 + 4 x NL	38	4.5	10	3SA80-0650-7
700	long toothing	60 + 4 x NL	40	4.5	10	3SA80-0700-7
860	long toothing	60 + 4 x NL	50	4.5	10	3SA80-0860-7
900	short toothed	60 + 4 x NL	60	4.5	10	3SA80E-0900-7



/ Intermediate and special sizes as well as special holes available on request

/ *NL = pin hole

/ The segment foot height can vary between 1 - 2 mm

Wall saw blade ML15

The proven wall saw blade for optimum cutting results.

- / Laser-welded diamond segments for a safe bond of segment and master core
- / Short segments for improved removal of water and welding sludge
- / High cutting ability in reinforced concrete
- / Recommended up to max. 22 kW



Laser welded Segments

	Ø blade mm	Toothing	Ø hole + NL* mm	Number of segments	Segment width mm	Segment height mm	Part no.
1	600	C4	25.40 + NL	52	4.7	20	3ML15LT0600-47
	600	C4	25.40 + NL	52	5.0	20	3ML15LT0600-50
	700	C4	25.40 + NL	62	4.4	20	3ML15LT0700-44
	700	C4	25.40 + NL	62	4.7	20	3ML15LT0700-47
	700	C4	25.40 + NL	62	5.0	20	3ML15LT0700-50
	750	C4	25.40 + NL	65	4.4	20	3ML15LT0750-44
	750	C4	25.40 + NL	65	4.7	20	3ML15LT0750-47
	750	C4	25.40 + NL	65	5.0	20	3ML15LT0750-50
	800	C4	25.40 + NL	70	4.4	20	3ML15LT0800-44
	800	C4	25.40 + NL	70	4.7	20	3ML15LT0800-47
	800	C4	25.40 + NL	70	5.0	20	3ML15LT0800-50
	825	C4	25.40 + NL	70	4.4	20	3ML15LT0825-44
	825	C4	25.40 + NL	70	4.7	20	3ML15LT0825-47
	825	C4	25.40 + NL	70	5.0	20	3ML15LT0825-50
	900	C4	25.40 + NL	79	4.4	20	3ML15LT0900-44
	900	C4	25.40 + NL	79	4.7	20	3ML15LT0900-47
	1000	C4	25.40 + NL	87	4.4	20	3ML15LT1000-44
	1000	C4	25.40 + NL	87	4.7	20	3ML15LT1000-47
	1200	C4	25.40 + NL	106	4.4	20	3ML15LT1200-44

/ Intermediate and special sizes available on request



/ *NL = pin hole

/ The segment foot height can vary between 1 - 2 mm



Wall saw blade ML15V

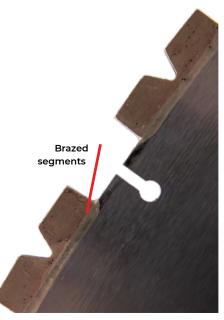
The proven wall saw blade for optimum cutting results.

- / Brazed diamond segments for a safe bond of segment and master core
- / Long segments for quieter operation
- / V-segments for improved removal of water and welding sludge
- / High cutting ability in reinforced concrete
- / Recommended from 20 kW



Ø blade mm	Toothing	Hole mm	Number of segments	Segment width mm	Segment height mm	Part no.
1500	C5	50	78	4.1	10	3ML15VC51500-41
1500	C5	50	78	4.4	10	3ML15VC51500-44
1600	C5	50	78	4.1	10	3ML15VC51600-41
1600	C5	50	78	4.4	10	3ML15VC51600-44
1800	C5	50	94	4.1	10	3ML15VC51800-41
1800	C5	50	94	4.4	10	3ML15VC51800-44
2000	C5	50	98	4.1	10	3ML15VC52000-41
2000	C5	50	98	4.4	10	3ML15VC52000-44

/ Intermediate and special sizes available on request





/ The segment foot height can vary between 1 - 2 mm

Wall saw blade with <mark>set</mark> diamonds ML88

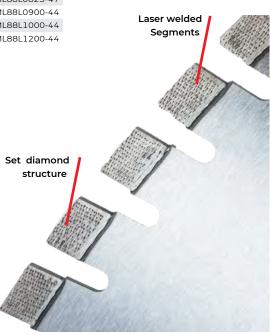
The wall saw blade of the latest generation guarantee optimum cutting results.

- / Laser-welded diamond segments for
- a safe bond of segment and master core
- / Short segments for improved removal of water and welding sludge
- / High cutting ability in reinforced concrete and
- hard aggregates such as Donau quartz, granite
- / Very high-cutting speed on iron
- / Segments with set diamond structure
- / Recommended up to max. 12 kW



Ø blade mm	Toothing	Ø hole + NL* mm	Number of segments	Segment width mm	Segment height mm	Part no.
600	C4	25.40 + NL	64	4.0	13	3ML88L0600-40
600	C4	25.40 + NL	64	5.0	13	3ML88L0600-50
650	C4	25.40 + NL	65	5.0	13	3ML88L0650-50
700	C4	25.40 + NL	72	4.7	13	3ML88L0700-47
800	C4	25.40 + NL	80	4.0	13	3ML88L0800-40
800	C4	25.40 + NL	80	4.7	13	3ML88L0800-47
825	C4	25.40 + NL	82	4.7	13	3ML88L0825-47
900	C4	25.40 + NL	90	4.4	13	3ML88L0900-44
1000	C4	25.40 + NL	100	4.4	13	3ML88L1000-44
1200	C4	25.40 + NL	120	4.4	13	3ML88L1200-44

/ Intermediate and special sizes available on request





/ *NL = pin hole

/ The segment foot height can vary between 1 - 2 mm



Wall saw blade with <mark>set</mark> diamonds ML89

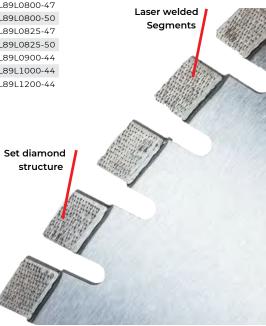
The wall saw blade of the latest generation guarantee long tool life and optimum cutting results.

- / Laser-welded diamond segments for
- a safe bond of segment and master core
- / Short segments for improved removal of water and welding sludge
- / High cutting ability in reinforced concrete and hard aggregates such as Donau quartz
- / Very high-cutting speed on iron
- / Segments with set diamond structure
- / Recommended from 15 kW



Ø blade mm	Toothing	Ø hole + NL* mm	Number of segments	Segment Width mm	Segment Height mm	Part no.
600	C4	25.40 + NL	64	4.0	13	3ML89L0600-40
600	C4	25.40 + NL	64	5.0	13	3ML89L0600-50
650	C4	25.40 + NL	68	4.0	13	3ML89L0650-40
650	C4	25.40 + NL	68	5.0	13	3ML89L0650-50
700	C4	25.40 + NL	72	4.0	13	3ML89L0700-40
700	C4	25.40 + NL	72	4.7	13	3ML89L0700-47
800	C4	25.40 + NL	80	4.0	13	3ML89L0800-40
800	C4	25.40 + NL	80	4.7	13	3ML89L0800-47
800	C4	25.40 + NL	80	5.0	13	3ML89L0800-50
825	C4	25.40 + NL	82	4.7	13	3ML89L0825-47
825	C4	25.40 + NL	82	5.0	13	3ML89L0825-50
900	C4	25.40 + NL	90	4.4	13	3ML89L0900-44
1000	C4	25.40 + NL	100	4.4	13	3ML89L1000-44
1200	C4	25.40 + NL	120	4.4	13	3ML89L1200-44

/ Intermediate and special sizes available on request





/ *NL = pin hole

/ The segment foot height can vary between 1 - 2 mm

Cutting disc accessories

Reduction / distancing rings

/ For a large range of machine attachments and saw blade holes

Ø outer	Ø inner	Thickness mm	Part no.	
25.4	20.00	9.0	3TSZ-RR-SPEZIALS	ð.
25.4	20.00	1.8	3TSZ-RR-16	
25.4	22.23	1.8	3TSZ-RR-19	
30.0	22.00	1.8	3TSZ-RR-15	
30.0	25.40	1.8	3TSZ-RR-14	
35.0	25.40	2.8	3TSZ-RR-01	
35.0	25.40	3.5	3TSZ-RR-02	
50.0	25.40	2.8	3TSZ-RR-03	
50.0	25.40	3.5	3TSZ-RR-04	
50.0	35.00	2.8	3TSZ-RR-05	
50.0	35.00	3.5	3TSZ-RR-06	
60.0	25.40	2.8	3TSZ-RR-07	
60.0	25.40	3.5	3TSZ-RR-08	
60.0	30.00	3.0	3TSZ-RR-18	
60.0	30.00	3.5	3TSZ-RR-17	
60.0	35.00	2.8	3TSZ-RR-09	
60.0	35.00	3.5	3TSZ-RR-10	
60.0	50.00	2.8	3TSZ-RR-11	
60.0	50.00	3.5	3TSZ-RR-12	
60.0	55.00	3.5	3TSZ-RR-13	





/ Intermediate and special sizes available on request

Flush flange

/ For angle grinders

Version	Device connection	TK - N x countersunk screw	Part no.
1 Ø 115 mm - 150 mm	M14	TK32 - 4 x M4	3TSZ-BF-01
2 Ø 180 mm - 230 mm	M14	TK64 - 6 x M5	3TSZ-BF-02







Special tools

Diamond joint cutting disc

- / Wide cut cutting disc to ream joints
- / Suitable for abrasive construction materials such as
- screed, plaster, sandstone and masonry
- / Available in segment widths from 4.5-10.0 mm
- Available from Ø 102–230 mm





Part no

on request



Diamond reamer

/ Chamfering disc/chamfer milling cutter for 45° bevel / Suitable for old concrete, concrete, masonry and brick / Available from Ø 100–230 mm





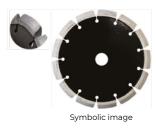
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Part no

on request

Chamfering disc/chamfer milling cutter

- For 22.5° bevels
- / Suitable for asphalt and abrasive materials such as screed, plaster and sandstone
- Available from Ø 102–230 mm





Chamfering disc/chamfer milling cutter

- / For 45° bevels
- / Bevel width possible up to 18 mm
- / Suitable for old concrete and concrete
- / Guide possible with additional cutting disc
- / Available in Ø 280 mm
- / Scope of delivery: 1 pc.





Part no. on request

Chamfering disc-chamfer milling cutter

- / For 45° bevel
- / Bevel width possible up to 18 mm
- / Suitable for asphalt and abrasive materials such as screed and fresh concrete
- / Guide possible with additional cutting disc
- / Available in Ø 280 mm
- / Scope of delivery: 1 pc.



Symbolic image



Special tools

Chamfering disc-chamfer milling cutter

/ Suitable for old concrete and concrete / Available in Ø 150 mm / Laser welded





Part no on request

Part no

on request

Chamfering disc-chamfer milling cutter

- / Suitable for asphalt and abrasive materials such as screed and fresh concrete / Available in Ø 150 mm
- / Laser welded





Part no

on request

Joint brush

/ To clear out joints / Available in brush widths 8.0 and 10.0 mm / Available in diameter Ø 300 mm



Symbolic image



Part no on request

Part no.

on request

Combi milling cutter

- / Chamfering disc/combi milling cutter
- / Suitable for cutting plastic pipes
- / Available from Ø 115-350 mm



Symbolic image



Rescue

- / Cutting disc for universal use
- / Suitable for cutting sheet metal, GRP, rubber,
- plastics, safety glass, concrete
- / Available from Ø 115-400 mm





Symbolic image





Special tools

Grooving cutter - joint cutter

- / Wide-cut cutting disc to cut grooves or clear joints
- / Suitable for asphalt and other abrasive materials
- / Available in segment widths from 5.0–20.0 mm
- / Available from Ø 300–600 mm



Symbolic image

Symbolic image



Part no

on request

on request

Cup wheels

- / With different segment layouts
- / To grind surfaces
- / Available for all materials such as asphalt, abrasive construction materials, concrete, masonry, etc.
- / Available from Ø 125–150 mm

Tiles drill bit

- / Connection M14 for angle grinders
- / Electroplated coating
- / Available in different working lengths
- / Suitable for drilling fine stone, tiles, natural stone, GRP
- / Available from Ø 5–150 mm

Drilling drill bits

- / To drill holes with excessive length
- / Consisting of a head end, one or several extending pipes and the drill bit
- / Locking possible with C-pliers
- / Number of extending elements selectable
- / Drill head cooling with water, air or spray mist possible
- / Available with or without core catch spring

Diamond teeth for channel milling cutter

- / For use on channel milling cutters
- / Suitable for concrete (all hardnesses), injection and limestone
- Available in different dimensions





on request





Symbolic image

EURODIMA Service Retipping and repair of wall saw blades

Retipping wall saw blades is possible for all diameters. Especially for large diameters, starting from 1,400 mm, it is economically reasonable. After retipping, the saw blade is straightened to achieve the required positive or negative tension in the master core.

It is possible to repair wall saw blades with lost segments. For this purpose, new segments are brazed to the blade, the saw blade is tensioned appropriately, and it is straightened.

For the retipping process, there are different segment types available, the process used depends on the corresponding application area.

Wall saw blades with a master core below 2.8 mm thickness are no longer usable.

Retipping process:

- / After receiving the wall saw blade, its quality is assessed
- / If the required criteria are not met, the further procedure is discussed with the customer
- / Cleaning the wall saw blade
- / Removing old segments, grinding the blade circular and cleaning the fillets
- / Saw blade is retipped brazed
- / Straightening and tensioning the blade
- / Sharpening all segments
- / Application of corrosion protection onto all segments and bonds





Drill bits & accessories

11

Drill bits

▼Material Tool	DUK50	ED5	DU69	AX7
Reinforced concrete				
Strongly reinforced concrete				
Reinforced concrete with hard aggregates				
Reinforced concrete with abrasive aggregates				

Cutting speed:

recommended suitable

Tool life: recommended

€+

recommended suitable

Drill bits 2.5–4.0 kW

▼Material To	sol►	DUK50	ED5	DU69	AX7
Reinforced concrete					
Strongly reinforced concrete					
Reinforced concrete with hard aggregates	k				
Reinforced concrete with abrasive aggregates					

Drill bits 5.0–11.0 kW

▼Material	Tool►	DUK50	ED5	DU69	AX7
Reinforced concrete					
Strongly reinforced concre	ete				
Reinforced concrete with H aggregates	hard				
Reinforced concrete with abrasive aggregates					

EURODIMA DIAMOND TECHNOLOGIES

Ring drill bits

▼Material	Tool►	DUR80
Reinforced concrete		
Reinforced concrete with hard aggregates		
Reinforced concrete with abrasive aggregates		



recommended suitable Tool life: recommended suitable

€+

Ring drill bits

▼Material	Tool►	DUR80
Reinforced concrete		
Reinforced concrete with hard aggregates		
Reinforced concrete with abrasive aggregates		

DUR80 ring drill bit, brazed with R½" male thread

For dry drilling in reinforced concrete with normal, hard and abrasive aggregates.

/ With best possible feed rates, the drill bits

- achieve optimum cutting values for best cutting behaviour
- / Segment for quick work and long life time
- / Standard working length 400 mm
- / Suitable for hand-guided and rig-guided drill operations

/ R 1/2" standard connection

/ UNC 1 1/4" on request

Ø mm	L mm	Number of segments	LxWxH mm Segments	Part no.
12	400	1	12 x 2.5 x 10	32DUR800400-012
14	400	1	12 x 2.5 x 10	32DUR800400-014
15	400	1	15 x 2.5 x 10	32DUR800400-015
16	400	1	16 x 2.5 x 10	32DUR800400-016
18	400	1	18 x 2.5 x 10	32DUR800400-018
20	400	1	20 x 2.5 x 10	32DUR800400-020
22	400	1	22 x 2.5 x 10	32DUR800400-022
24	400	1	24 x 2.5 x 10	32DUR800400-024
25	400	1	25 x 2.5 x 10	32DUR800400-025
26	400	1	26 x 2.5 x 10	32DUR800400-026
28	400	1	28 x 2.5 x 10	32DUR800400-028
30	400	1	30 x 2.5 x 10	32DUR800400-030
32	400	1	32 x 2.5 x 10	32DUR800400-032
35	400	1	35 x 3.0 x 10	32DUR800400-035
38	400	1	38 x 3.0 x 10	32DUR800400-038
40	400	1	40 x 3.0 x 10	32DUR800400-040
42	400	1	42 x 3.0 x 10	32DUR800400-042
52	400	1	52 x 3.0 x 10	32DUR800400-052



R ½"-Connection



/ Special lengths and diameters available on request

/ Indicate the actually required working length when ordering

Segment foot height can vary between 1 mm - 2 mm For the area of application and the evaluations "recommended", "suitable" and "€+", please refer to the total overview on pages 42–43

/ Refer to pages 56, 100 to 115 for more accessories





DUR80 Ring segment

- / Suitable for brazing
- / For dry drilling
- / The ring segment enables drilling holes with very exact diameters
- / Recommended for motor power values from 1.7–4.0 kW
- / Best cutting values on reinforced concrete, also with hard and abrasive aggregates



Ø mm	Segment width mm	Segment height mm	Part no.
12	2.0	10	3DUR80-012
14	2.0	10	3DUR80-014
15	2.0	10	3DUR80-015
16	2.5	10	3DUR80-016
18	2.5	10	3DUR80-018
20	2.5	10	3DUR80-020
22	2.5	10	3DUR80-022
24	2.5	10	3DUR80-024
25	2.5	10	3DUR80-025
26	2.5	10	3DUR80-026
28	2.5	10	3DUR80-028
30	2.5	10	3DUR80-030
32	2.5	10	3DUR80-032
35	3.0	10	3DUR80-035
38	3.0	10	3DUR80-038
40	3.0	10	3DUR80-040
42	3.0	10	3DUR80-042
52	3.0	10	3DUR80-052

/ Special dimensions are available on request



Symbolic image

/ For the area of application and the evaluations "recommended", "suitable" and "€+", please refer to the total overview on pages 42-43



/ Refer to pages 56, 100 to 115 for more accessories

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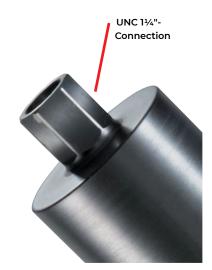
DUK50 drill bit, brazed/welded, with 11/4" UNC connection

For wet and dry drilling in reinforced concrete with normal and hard aggregates.

- / Patent-protected Space Welding technology for high-strength segment connections
- / Segment for fast speed work and long tool life
- / Up to Ø 350 mm with 1¼" UNC connection
- / From Ø 400 mm only available with 4 hole bayonet connector in spanner size 41 mm or 50 mm
- / From Ø 250 mm optionally available with 4 hole bayonet connector
- / Standard working length 500 mm
- / Special working length 430 mm

525005 $24 \times 3.5 \times 10$ $31DUK500500-052$ 565006 $24 \times 3.5 \times 10$ $31DUK500500-062$ 625006 $24 \times 3.5 \times 10$ $31DUK500500-062$ 665006 $24 \times 3.5 \times 10$ $31DUK500500-066$ 725007 $24 \times 3.5 \times 10$ $31DUK500500-076$ 825007 $24 \times 3.5 \times 10$ $31DUK500500-076$ 825007 $24 \times 3.5 \times 10$ $31DUK500500-082$ 875007 $24 \times 3.5 \times 10$ $31DUK500500-082$ 875008 $24 \times 3.5 \times 10$ $31DUK500500-092$ 1025008 $24 \times 3.5 \times 10$ $31DUK500500-092$ 1025008 $24 \times 4.0 \times 10$ $31DUK500500-102$ 1085009 $24 \times 4.0 \times 10$ $31DUK500500-122$ 12550010 $24 \times 4.0 \times 10$ $31DUK500500-122$ 12550010 $24 \times 4.0 \times 10$ $31DUK500500-122$ 12550011 $24 \times 4.0 \times 10$ $31DUK500500-152$ 13250012 $24 \times 4.0 \times 10$ $31DUK500500-152$ 15850012 $24 \times 4.0 \times 10$ $31DUK500500-182$ 16250012 $24 \times 4.0 \times 10$ $31DUK500500-182$ 20050014 $24 \times 4.0 \times 10$ $31DUK500500-220$ 21850015 $24 \times 4.0 \times 10$ $31DUK500500-220$ 22550015 $24 \times 4.0 \times 10$ $31DUK500500-220$ 22550015 $24 \times 4.0 \times 10$ $31DUK500500-220$	Ø mm	L mm	Number of segments	LxWxH mm Segments	Part no.
625006 $24 \times 3.5 \times 10$ $31DUK500500-062$ 665006 $24 \times 3.5 \times 10$ $31DUK500500-066$ 725007 $24 \times 3.5 \times 10$ $31DUK500500-072$ 765007 $24 \times 3.5 \times 10$ $31DUK500500-072$ 765007 $24 \times 3.5 \times 10$ $31DUK500500-072$ 825007 $24 \times 3.5 \times 10$ $31DUK500500-082$ 875007 $24 \times 3.5 \times 10$ $31DUK500500-087$ 925008 $24 \times 3.5 \times 10$ $31DUK500500-092$ 1025008 $24 \times 3.5 \times 10$ $31DUK500500-102$ 1085009 $24 \times 4.0 \times 10$ $31DUK500500-102$ 1085009 $24 \times 4.0 \times 10$ $31DUK500500-122$ 12550010 $24 \times 4.0 \times 10$ $31DUK500500-122$ 12550011 $24 \times 4.0 \times 10$ $31DUK500500-122$ 13250011 $24 \times 4.0 \times 10$ $31DUK500500-152$ 13350012 $24 \times 4.0 \times 10$ $31DUK500500-152$ 15850012 $24 \times 4.0 \times 10$ $31DUK500500-172$ 18250014 $24 \times 4.0 \times 10$ $31DUK500500-122$ 20050014 $24 \times 4.0 \times 10$ $31DUK500500-220$ 22550015 $24 \times 4.0 \times 10$ $31DUK500500-225$ 27050016 $24 \times 5.0 \times 10$ $31DUK500500-225$ 27050018 $24 \times 5.0 \times 10$ $31DUK500500-320$ 32050018 $24 \times 5.0 \times 10$ $31DUK500500-35$	52	500	5	24 x 3.5 x 10	31DUK500500-052
66500624 \times 3.5 \times 1031DUK500500-06672500724 \times 3.5 \times 1031DUK500500-07276500724 \times 3.5 \times 1031DUK500500-07682500724 \times 3.5 \times 1031DUK500500-08287500724 \times 3.5 \times 1031DUK500500-08792500824 \times 3.5 \times 1031DUK500500-092102500824 \times 3.5 \times 1031DUK500500-102108500924 \times 4.0 \times 1031DUK500500-102108500924 \times 4.0 \times 1031DUK500500-112122500924 \times 4.0 \times 1031DUK500500-1221255001024 \times 4.0 \times 1031DUK500500-1221255001124 \times 4.0 \times 1031DUK500500-1321425001124 \times 4.0 \times 1031DUK500500-1521585001224 \times 4.0 \times 1031DUK500500-1521585001224 \times 4.0 \times 1031DUK500500-1721825001424 \times 4.0 \times 1031DUK500500-1822005001424 \times 4.0 \times 1031DUK500500-2202255001524 \times 4.0 \times 1031DUK500500-2252505001624 \times 5.0 \times 1031DUK500500-2202255001824 \times 5.0 \times 1031DUK500500-3203005001824 \times 5.0 \times 1031DUK500500-3203205001824 \times 5.0 \times 1031DUK50050	56	500	6	24 x 3.5 x 10	31DUK500500-056
725007 $24 \times 3.5 \times 10$ $31DUK500500-072$ 765007 $24 \times 3.5 \times 10$ $31DUK500500-076$ 825007 $24 \times 3.5 \times 10$ $31DUK500500-082$ 875007 $24 \times 3.5 \times 10$ $31DUK500500-087$ 925008 $24 \times 3.5 \times 10$ $31DUK500500-092$ 1025008 $24 \times 3.5 \times 10$ $31DUK500500-102$ 1085009 $24 \times 4.0 \times 10$ $31DUK500500-102$ 1085009 $24 \times 4.0 \times 10$ $31DUK500500-112$ 1225009 $24 \times 4.0 \times 10$ $31DUK500500-122$ 12550010 $24 \times 4.0 \times 10$ $31DUK500500-122$ 13250011 $24 \times 4.0 \times 10$ $31DUK500500-132$ 14250011 $24 \times 4.0 \times 10$ $31DUK500500-152$ 15850012 $24 \times 4.0 \times 10$ $31DUK500500-152$ 15850012 $24 \times 4.0 \times 10$ $31DUK500500-162$ 17250013 $24 \times 4.0 \times 10$ $31DUK500500-172$ 18250014 $24 \times 4.0 \times 10$ $31DUK500500-120$ 20050014 $24 \times 4.0 \times 10$ $31DUK500500-220$ 22550015 $24 \times 4.0 \times 10$ $31DUK500500-225$ 25050016 $24 \times 5.0 \times 10$ $31DUK500500-270$ 30050018 $24 \times 5.0 \times 10$ $31DUK500500-320$ 32050018 $24 \times 5.0 \times 10$ $31DUK500500-350$ 40050022 $24 \times 5.0 \times 10$ $31DUK5005$	62	500	6	24 x 3.5 x 10	31DUK500500-062
765007 $24 \times 3.5 \times 10$ $31DUK500500-076$ 825007 $24 \times 3.5 \times 10$ $31DUK500500-082$ 875007 $24 \times 3.5 \times 10$ $31DUK500500-087$ 925008 $24 \times 3.5 \times 10$ $31DUK500500-092$ 1025008 $24 \times 3.5 \times 10$ $31DUK500500-092$ 1025009 $24 \times 4.0 \times 10$ $31DUK500500-102$ 1085009 $24 \times 4.0 \times 10$ $31DUK500500-122$ 12550010 $24 \times 4.0 \times 10$ $31DUK500500-122$ 12550010 $24 \times 4.0 \times 10$ $31DUK500500-122$ 13250011 $24 \times 4.0 \times 10$ $31DUK500500-132$ 14250011 $24 \times 4.0 \times 10$ $31DUK500500-152$ 15850012 $24 \times 4.0 \times 10$ $31DUK500500-152$ 15850012 $24 \times 4.0 \times 10$ $31DUK500500-152$ 18250014 $24 \times 4.0 \times 10$ $31DUK500500-172$ 18250014 $24 \times 4.0 \times 10$ $31DUK500500-182$ 20050015 $24 \times 4.0 \times 10$ $31DUK500500-220$ 22550015 $24 \times 4.0 \times 10$ $31DUK500500-225$ 27050016 $24 \times 5.0 \times 10$ $31DUK500500-225$ 27050018 $24 \times 5.0 \times 10$ $31DUK500500-320$ 32050018 $24 \times 5.0 \times 10$ $31DUK500500-350$ 40050022 $24 \times 5.0 \times 10$ $31DUK500500-350$ 40050022 $24 \times 5.0 \times 10$ $31DUK5$	66	500	6	24 x 3.5 x 10	31DUK500500-066
825007 $24 \times 3.5 \times 10$ $31DUK500500-082$ 875007 $24 \times 3.5 \times 10$ $31DUK500500-087$ 925008 $24 \times 3.5 \times 10$ $31DUK500500-092$ 1025008 $24 \times 3.5 \times 10$ $31DUK500500-102$ 1085009 $24 \times 4.0 \times 10$ $31DUK500500-102$ 1085009 $24 \times 4.0 \times 10$ $31DUK500500-112$ 1225009 $24 \times 4.0 \times 10$ $31DUK500500-122$ 12550010 $24 \times 4.0 \times 10$ $31DUK500500-122$ 13250011 $24 \times 4.0 \times 10$ $31DUK500500-132$ 14250011 $24 \times 4.0 \times 10$ $31DUK500500-152$ 15850012 $24 \times 4.0 \times 10$ $31DUK500500-152$ 15850012 $24 \times 4.0 \times 10$ $31DUK500500-152$ 17250013 $24 \times 4.0 \times 10$ $31DUK500500-162$ 17250014 $24 \times 4.0 \times 10$ $31DUK500500-182$ 20050014 $24 \times 4.0 \times 10$ $31DUK500500-226$ 22550015 $24 \times 4.0 \times 10$ $31DUK500500-226$ 27050016 $24 \times 5.0 \times 10$ $31DUK500500-250$ 27050018 $24 \times 5.0 \times 10$ $31DUK500500-320$ 32050018 $24 \times 5.0 \times 10$ $31DUK500500-350$ 40050022 $24 \times 5.0 \times 10$ $31DUK500500-350$ 40050022 $24 \times 5.0 \times 10$ $31DUK500500-350$ 40050024 $24 \times 5.0 \times 10$ $31DUK$	72	500	7	24 x 3.5 x 10	31DUK500500-072
87 500 7 24 × 3.5 × 10 31DUK500500-087 92 500 8 24 × 3.5 × 10 31DUK500500-092 102 500 8 24 × 3.5 × 10 31DUK500500-092 102 500 8 24 × 3.5 × 10 31DUK500500-102 108 500 9 24 × 4.0 × 10 31DUK500500-112 122 500 9 24 × 4.0 × 10 31DUK500500-122 125 500 10 24 × 4.0 × 10 31DUK500500-122 132 500 11 24 × 4.0 × 10 31DUK500500-132 142 500 11 24 × 4.0 × 10 31DUK500500-142 152 500 12 24 × 4.0 × 10 31DUK500500-152 158 500 12 24 × 4.0 × 10 31DUK500500-172 182 500 14 24 × 4.0 × 10 31DUK500500-182 200 500 14 24 × 4.0 × 10 31DUK500500-208 218 500 15 24 × 4.0 × 10 31DUK500500-225 2	76	500	7	24 x 3.5 x 10	31DUK500500-076
925008 $24 \times 3.5 \times 10$ $31DUK500500-092$ 1025008 $24 \times 3.5 \times 10$ $31DUK500500-102$ 1085009 $24 \times 4.0 \times 10$ $31DUK500500-108$ 1125009 $24 \times 4.0 \times 10$ $31DUK500500-112$ 1225009 $24 \times 4.0 \times 10$ $31DUK500500-122$ 12550010 $24 \times 4.0 \times 10$ $31DUK500500-122$ 13250011 $24 \times 4.0 \times 10$ $31DUK500500-132$ 14250011 $24 \times 4.0 \times 10$ $31DUK500500-142$ 15250012 $24 \times 4.0 \times 10$ $31DUK500500-152$ 15850012 $24 \times 4.0 \times 10$ $31DUK500500-152$ 15850012 $24 \times 4.0 \times 10$ $31DUK500500-152$ 17250013 $24 \times 4.0 \times 10$ $31DUK500500-162$ 17250014 $24 \times 4.0 \times 10$ $31DUK500500-208$ 20050014 $24 \times 4.0 \times 10$ $31DUK500500-218$ 20050015 $24 \times 4.0 \times 10$ $31DUK500500-220$ 22550015 $24 \times 4.0 \times 10$ $31DUK500500-225$ 27050016 $24 \times 5.0 \times 10$ $31DUK500500-270$ 30050018 $24 \times 5.0 \times 10$ $31DUK500500-320$ 32050018 $24 \times 5.0 \times 10$ $31DUK500500-320$ 35050020 $24 \times 5.0 \times 10$ $31DUK500500-350$ 40050022 $24 \times 5.0 \times 10$ $31DUK500500-350$ 40050024 $24 \times 5.0 \times 10$ 3	82	500	7	24 x 3.5 x 10	31DUK500500-082
1025008 $24 \times 3.5 \times 10$ 31DUK500500-1021085009 $24 \times 4.0 \times 10$ 31DUK500500-1081125009 $24 \times 4.0 \times 10$ 31DUK500500-1121225009 $24 \times 4.0 \times 10$ 31DUK500500-12212550010 $24 \times 4.0 \times 10$ 31DUK500500-12513250011 $24 \times 4.0 \times 10$ 31DUK500500-13214250011 $24 \times 4.0 \times 10$ 31DUK500500-14215250012 $24 \times 4.0 \times 10$ 31DUK500500-15215850012 $24 \times 4.0 \times 10$ 31DUK500500-15816250012 $24 \times 4.0 \times 10$ 31DUK500500-16217250013 $24 \times 4.0 \times 10$ 31DUK500500-17218250014 $24 \times 4.0 \times 10$ 31DUK500500-20021850015 $24 \times 4.0 \times 10$ 31DUK500500-21822050015 $24 \times 4.0 \times 10$ 31DUK500500-22022550015 $24 \times 4.0 \times 10$ 31DUK500500-22022550016 $24 \times 5.0 \times 10$ 31DUK500500-27030050018 $24 \times 5.0 \times 10$ 31DUK500500-30032050018 $24 \times 5.0 \times 10$ 31DUK500500-32035050020 $24 \times 5.0 \times 10$ 31DUK500500-35040050022 $24 \times 5.0 \times 10$ 31DUK500500-35040050024 $24 \times 5.0 \times 10$ 31DUK500500-45050050026 $24 \times 5.0 \times 10$ 31DU500500-450500 <t< td=""><td>87</td><td>500</td><td>7</td><td>24 x 3.5 x 10</td><td>31DUK500500-087</td></t<>	87	500	7	24 x 3.5 x 10	31DUK500500-087
1085009 $24 \times 4.0 \times 10$ 31DUK500500-1081125009 $24 \times 4.0 \times 10$ 31DUK500500-1121225009 $24 \times 4.0 \times 10$ 31DUK500500-12212550010 $24 \times 4.0 \times 10$ 31DUK500500-12513250011 $24 \times 4.0 \times 10$ 31DUK500500-13214250011 $24 \times 4.0 \times 10$ 31DUK500500-14215250012 $24 \times 4.0 \times 10$ 31DUK500500-15215850012 $24 \times 4.0 \times 10$ 31DUK500500-16217250013 $24 \times 4.0 \times 10$ 31DUK500500-16217250014 $24 \times 4.0 \times 10$ 31DUK500500-17218250014 $24 \times 4.0 \times 10$ 31DUK500500-20021850015 $24 \times 4.0 \times 10$ 31DUK500500-21822050015 $24 \times 4.0 \times 10$ 31DUK500500-22022550015 $24 \times 4.0 \times 10$ 31DUK500500-22022550016 $24 \times 5.0 \times 10$ 31DUK500500-27030050018 $24 \times 5.0 \times 10$ 31DUK500500-32032050018 $24 \times 5.0 \times 10$ 31DUK500500-32035050020 $24 \times 5.0 \times 10$ 31DUK500500-35040050022 $24 \times 5.0 \times 10$ 31DUK500500-35040050024 $24 \times 5.0 \times 10$ 31DU500500-40045050026 $24 \times 5.0 \times 10$ 31DU500500-45050050026 $24 \times 5.0 \times 10$ 31DU500500-450	92	500	8	24 x 3.5 x 10	31DUK500500-092
112 500 9 24 × 4.0 × 10 31DUK500500-112 122 500 9 24 × 4.0 × 10 31DUK500500-122 125 500 10 24 × 4.0 × 10 31DUK500500-122 132 500 11 24 × 4.0 × 10 31DUK500500-132 142 500 11 24 × 4.0 × 10 31DUK500500-142 152 500 12 24 × 4.0 × 10 31DUK500500-152 158 500 12 24 × 4.0 × 10 31DUK500500-152 162 500 12 24 × 4.0 × 10 31DUK500500-152 172 500 13 24 × 4.0 × 10 31DUK500500-162 172 500 13 24 × 4.0 × 10 31DUK500500-172 182 500 14 24 × 4.0 × 10 31DUK500500-200 218 500 15 24 × 4.0 × 10 31DUK500500-218 220 500 15 24 × 4.0 × 10 31DUK500500-220 225 500 15 24 × 4.0 × 10 31DUK500500-2250	102	500	8	24 x 3.5 x 10	31DUK500500-102
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	108	500	9	24 x 4.0 x 10	31DUK500500-108
125 500 10 24 × 4.0 × 10 31DUK500500-125 132 500 11 24 × 4.0 × 10 31DUK500500-132 142 500 11 24 × 4.0 × 10 31DUK500500-132 152 500 12 24 × 4.0 × 10 31DUK500500-142 152 500 12 24 × 4.0 × 10 31DUK500500-152 158 500 12 24 × 4.0 × 10 31DUK500500-158 162 500 12 24 × 4.0 × 10 31DUK500500-162 172 500 13 24 × 4.0 × 10 31DUK500500-172 182 500 14 24 × 4.0 × 10 31DUK500500-172 182 500 14 24 × 4.0 × 10 31DUK500500-200 218 500 15 24 × 4.0 × 10 31DUK500500-218 220 500 15 24 × 4.0 × 10 31DUK500500-220 225 500 15 24 × 4.0 × 10 31DUK500500-225 250 500 16 24 × 5.0 × 10 31DUK500500-270	112	500	9	24 x 4.0 x 10	31DUK500500-112
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	122	500	9	24 x 4.0 x 10	31DUK500500-122
14250011 $24 \times 4.0 \times 10$ $31DUK500500-142$ 15250012 $24 \times 4.0 \times 10$ $31DUK500500-152$ 15850012 $24 \times 4.0 \times 10$ $31DUK500500-158$ 16250012 $24 \times 4.0 \times 10$ $31DUK500500-162$ 17250013 $24 \times 4.0 \times 10$ $31DUK500500-172$ 18250014 $24 \times 4.0 \times 10$ $31DUK500500-182$ 20050014 $24 \times 4.0 \times 10$ $31DUK500500-200$ 21850015 $24 \times 4.0 \times 10$ $31DUK500500-218$ 22050015 $24 \times 4.0 \times 10$ $31DUK500500-220$ 22550015 $24 \times 4.0 \times 10$ $31DUK500500-225$ 25050016 $24 \times 5.0 \times 10$ $31DUK500500-270$ 30050018 $24 \times 5.0 \times 10$ $31DUK500500-320$ 32050018 $24 \times 5.0 \times 10$ $31DUK500500-320$ 35050020 $24 \times 5.0 \times 10$ $31DUK500500-350$ 40050022 $24 \times 5.0 \times 10$ $31DU500500-400$ 45050024 $24 \times 5.0 \times 10$ $31DU500500-450$ 50050026 $24 \times 5.0 \times 10$ $31DU500500-450$	125	500	10	24 x 4.0 x 10	31DUK500500-125
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	132	500	11	24 x 4.0 x 10	31DUK500500-132
158 500 12 24 × 4.0 × 10 31DUK500500-158 162 500 12 24 × 4.0 × 10 31DUK500500-162 172 500 13 24 × 4.0 × 10 31DUK500500-172 182 500 14 24 × 4.0 × 10 31DUK500500-172 182 500 14 24 × 4.0 × 10 31DUK500500-182 200 500 14 24 × 4.0 × 10 31DUK500500-200 218 500 15 24 × 4.0 × 10 31DUK500500-218 220 500 15 24 × 4.0 × 10 31DUK500500-220 225 500 15 24 × 4.0 × 10 31DUK500500-225 250 500 16 24 × 4.0 × 10 31DUK500500-250 270 500 16 24 × 5.0 × 10 31DUK500500-320 300 500 18 24 × 5.0 × 10 31DUK500500-320 320 500 18 24 × 5.0 × 10 31DUK500500-320 350 500 20 24 × 5.0 × 10 31DUK500500-350	142	500	11	24 x 4.0 x 10	31DUK500500-142
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	152	500	12	24 x 4.0 x 10	31DUK500500-152
172 500 13 24 × 4.0 × 10 31DUK500500-172 182 500 14 24 × 4.0 × 10 31DUK500500-172 182 500 14 24 × 4.0 × 10 31DUK500500-182 200 500 14 24 × 4.0 × 10 31DUK500500-200 218 500 15 24 × 4.0 × 10 31DUK500500-218 220 500 15 24 × 4.0 × 10 31DUK500500-220 225 500 15 24 × 4.0 × 10 31DUK500500-225 250 500 16 24 × 4.0 × 10 31DUK500500-250 270 500 16 24 × 5.0 × 10 31DUK500500-270 300 500 18 24 × 5.0 × 10 31DUK500500-300 320 500 18 24 × 5.0 × 10 31DUK500500-320 350 500 20 24 × 5.0 × 10 31DUK500500-350 400 500 22 24 × 5.0 × 10 31DU500500-450 500 500 24 24 × 5.0 × 10 31DU500500-450	158	500	12	24 x 4.0 x 10	31DUK500500-158
182 500 14 24 × 4.0 × 10 31DUK500500-182 200 500 14 24 × 4.0 × 10 31DUK500500-200 218 500 15 24 × 4.0 × 10 31DUK500500-200 218 500 15 24 × 4.0 × 10 31DUK500500-218 220 500 15 24 × 4.0 × 10 31DUK500500-220 225 500 15 24 × 4.0 × 10 31DUK500500-225 250 500 16 24 × 4.0 × 10 31DUK500500-250 270 500 16 24 × 5.0 × 10 31DUK500500-270 300 500 18 24 × 5.0 × 10 31DUK500500-300 320 500 18 24 × 5.0 × 10 31DUK500500-320 350 500 20 24 × 5.0 × 10 31DUK500500-350 400 500 22 24 × 5.0 × 10 31DU500500-400 450 500 24 24 × 5.0 × 10 31DU500500-450 500 500 26 24 × 5.0 × 10 31DU500500-500 <td>162</td> <td>500</td> <td>12</td> <td>24 x 4.0 x 10</td> <td>31DUK500500-162</td>	162	500	12	24 x 4.0 x 10	31DUK500500-162
200 500 14 24 × 4.0 × 10 31DUK500500-200 218 500 15 24 × 4.0 × 10 31DUK500500-218 220 500 15 24 × 4.0 × 10 31DUK500500-220 225 500 15 24 × 4.0 × 10 31DUK500500-225 250 500 16 24 × 4.0 × 10 31DUK500500-250 270 500 16 24 × 5.0 × 10 31DUK500500-270 300 500 18 24 × 5.0 × 10 31DUK500500-320 320 500 18 24 × 5.0 × 10 31DUK500500-320 350 500 20 24 × 5.0 × 10 31DUK500500-350 400 500 22 24 × 5.0 × 10 31DU500500-400 450 500 24 24 × 5.0 × 10 31DU500500-450 500 500 26 24 × 5.0 × 10 31DU500500-500	172	500	13	24 x 4.0 x 10	31DUK500500-172
218 500 15 24 × 4.0 × 10 31DUK500500-218 220 500 15 24 × 4.0 × 10 31DUK500500-220 225 500 15 24 × 4.0 × 10 31DUK500500-220 225 500 15 24 × 4.0 × 10 31DUK500500-225 250 500 16 24 × 4.0 × 10 31DUK500500-250 270 500 16 24 × 5.0 × 10 31DUK500500-270 300 500 18 24 × 5.0 × 10 31DUK500500-300 320 500 18 24 × 5.0 × 10 31DUK500500-320 350 500 20 24 × 5.0 × 10 31DUK500500-350 400 500 22 24 × 5.0 × 10 31DU500500-400 450 500 24 24 × 5.0 × 10 31DU500500-450 500 500 26 24 × 5.0 × 10 31DU500500-500	182	500	14	24 x 4.0 x 10	31DUK500500-182
220 500 15 24 × 4.0 × 10 31DUK500500-220 225 500 15 24 × 4.0 × 10 31DUK500500-225 250 500 16 24 × 4.0 × 10 31DUK500500-225 270 500 16 24 × 5.0 × 10 31DUK500500-250 270 500 16 24 × 5.0 × 10 31DUK500500-270 300 500 18 24 × 5.0 × 10 31DUK500500-300 320 500 18 24 × 5.0 × 10 31DUK500500-320 350 500 20 24 × 5.0 × 10 31DUK500500-350 400 500 22 24 × 5.0 × 10 31DU500500-400 450 500 24 24 × 5.0 × 10 31DU500500-450 500 500 26 24 × 5.0 × 10 31DU500500-500	200	500	14	24 x 4.0 x 10	31DUK500500-200
225 500 15 24 × 4.0 × 10 31DUK500500-225 250 500 16 24 × 4.0 × 10 31DUK500500-250 270 500 16 24 × 5.0 × 10 31DUK500500-270 300 500 18 24 × 5.0 × 10 31DUK500500-300 320 500 18 24 × 5.0 × 10 31DUK500500-320 350 500 20 24 × 5.0 × 10 31DUK500500-350 400 500 22 24 × 5.0 × 10 31DU500500-400 450 500 24 24 × 5.0 × 10 31DU500500-450 500 500 26 24 × 5.0 × 10 31DU500500-500	218	500	15	24 x 4.0 x 10	31DUK500500-218
250 500 16 24 × 4.0 × 10 31DUK500500-250 270 500 16 24 × 5.0 × 10 31DUK500500-270 300 500 18 24 × 5.0 × 10 31DUK500500-270 320 500 18 24 × 5.0 × 10 31DUK500500-320 350 500 20 24 × 5.0 × 10 31DUK500500-350 400 500 22 24 × 5.0 × 10 31DU500500-400 450 500 24 24 × 5.0 × 10 31DU500500-450 500 500 26 24 × 5.0 × 10 31DU500500-500	220	500	15	24 x 4.0 x 10	31DUK500500-220
2705001624 x 5.0 x 1031DUK500500-2703005001824 x 5.0 x 1031DUK500500-3003205001824 x 5.0 x 1031DUK500500-3203505002024 x 5.0 x 1031DUK500500-3504005002224 x 5.0 x 1031DU500500-4004505002424 x 5.0 x 1031DU500500-4505005002624 x 5.0 x 1031DU500500-500	225	500	15	24 x 4.0 x 10	31DUK500500-225
300 500 18 24 x 5.0 x 10 31DUK500500-300 320 500 18 24 x 5.0 x 10 31DUK500500-320 350 500 20 24 x 5.0 x 10 31DUK500500-320 350 500 20 24 x 5.0 x 10 31DUK500500-350 400 500 22 24 x 5.0 x 10 31DU500500-400 450 500 24 24 x 5.0 x 10 31DU500500-450 500 500 26 24 x 5.0 x 10 31DU500500-500	250	500	16	24 x 4.0 x 10	31DUK500500-250
320 500 18 24 x 5.0 x 10 31DUK500500-320 350 500 20 24 x 5.0 x 10 31DUK500500-350 400 500 22 24 x 5.0 x 10 31DU500500-400 450 500 24 24 x 5.0 x 10 31DU500500-450 500 500 26 24 x 5.0 x 10 31DU500500-500	270	500	16	24 x 5.0 x 10	31DUK500500-270
350 500 20 24 x 5.0 x 10 31DUK500500-350 400 500 22 24 x 5.0 x 10 31DU500500-400 450 500 24 24 x 5.0 x 10 31DU500500-450 500 500 26 24 x 5.0 x 10 31DU500500-500	300	500	18	24 x 5.0 x 10	31DUK500500-300
400 500 22 24 x 5.0 x 10 31DU500500-400 450 500 24 24 x 5.0 x 10 31DU500500-450 500 500 26 24 x 5.0 x 10 31DU500500-500	320	500	18	24 x 5.0 x 10	31DUK500500-320
450 500 24 24 x 5.0 x 10 31DU500500-450 500 500 26 24 x 5.0 x 10 31DU500500-500	350	500	20	24 x 5.0 x 10	31DUK500500-350
500 500 26 24 x 5.0 x 10 31DU500500-500	400	500	22	24 x 5.0 x 10	31DU500500-400
	450	500	24	24 x 5.0 x 10	31DU500500-450
550 500 28 24 x 5.0 x 10 31DU500500-550	500	500	26	24 x 5.0 x 10	31DU500500-500
	550	500	28	24 x 5.0 x 10	31DU500500-550
600 500 30 24 x 5.0 x 10 31DU500500-600	600	500	30	24 x 5.0 x 10	31DU500500-600





/ Special lengths and diameters available on request

- / Indicate the actually required working length when ordering / up to \emptyset 400 mm welded, from \emptyset 400 mm brazed

Segment foot height can vary between 1 mm - 2 mm

/ For the area of application and the evaluations "recommended", "suitable" and "€+", please refer to the total overview on pages 42–43

/ Refer to pages 56, 100 to 115 for more accessories

* For dry drilling, a drill bit with fewer segments is required - available on request





DUK50 diamond segment

- / Segment suitable for welding or brazing (only available with welding base)
- / Great cutting values and tool life on reinforced concrete, even with abrasive aggregates
- / Oval protrusions on the cutting surfaces makes sharpening unnecessary



l mm nents		Part no.
5×10	48-52 24 x 3	3DUK50-050
5×10	56-66 24 x 3	3DUK50-066
5x10 3	72-87 24 x 3	3DUK50-080
5×10	87-112 24 x 3	3DUK50-087
0x10	107-142 24 x 4	3DUK50-112
5×10	107-142 24 x 4	3DUK50-113
0x10	142-182 24 x 4	3DUK50-152
5×10	142-182 24 x 4	3DUK50-153
0x10 3	182-270 24 x 4	3DUK50-200
5×10	182-270 24 x 4	3DUK50-201
0x10 3	270+ 24 x 5	3DUK50-300
0x10	270+ 24 x 0	3DUK50-301
5×10	270+ 24 x 5	3DUK50-302

/ Special dimensions are available on request

* The segment is also suitable for dry drilling with reduced segments on the drill bit – available on request





/ For the area of application and the evaluations "recommended", "suitable" and "€+", please refer to the total overview on the pages 42–43

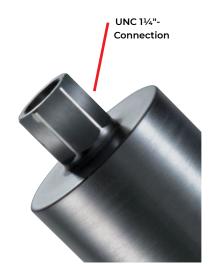
ED5 drill bit, brazed, with 1¼" UNC connection

For wet and dry drilling in reinforced concrete with normal and hard aggregates.

- / Segment for fast speed work and long tool life
- / Up to Ø 350 mm with 1¼" UNC connection
- / From Ø 400 mm only available with 4 hole bayonet connector in spanner size 41 mm or 50 mm
- / From Ø 250 mm optionally available with 4 hole bayonet connector
- / Standard working length 500 mm
- / Special working length 430 mm

ø mm	L mm	Number of segments	LxWxH mm Segments	Part no.
52	500	5	24 x 3.5 x 11	31ED50500-052
56	500	6	24 x 3.5 x 11	31ED50500-056
62	500	6	24 x 3.5 x 11	31ED50500-062
66	500	6	24 x 3.5 x 11	31ED50500-066
72	500	7	24 x 3.5 x 11	31ED50500-072
76	500	7	24 x 3.5 x 11	31ED50500-076
82	500	7	24 x 3.5 x 11	31ED50500-082
87	500	7	24 x 3.5 x 11	31ED50500-087
92	500	8	24 x 3.5 x 11	31ED50500-092
102	500	8	24 x 3.5 x 11	31ED50500-102
108	500	9	24 x 4.0 x 11	31ED50500-108
112	500	9	24 x 4.0 x 11	31ED50500-112
122	500	9	24 x 4.0 x 11	31ED50500-122
125	500	10	24 x 4.0 x 11	31ED50500-125
132	500	11	24 x 4.0 x 11	31ED50500-132
142	500	11	24 x 4.0 x 11	31ED50500-142
152	500	12	24 x 4.0 x 11	31ED50500-152
158	500	12	24 x 4.0 x 11	31ED50500-158
162	500	12	24 x 4.0 x 11	31ED50500-162
172	500	13	24 x 4.0 x 11	31ED50500-172
182	500	14	24 x 4.0 x 11	31ED50500-182
200	500	14	24 x 4.0 x 11	31ED50500-200
218	500	15	24 x 4.0 x 11	31ED50500-218
220	500	15	24 x 4.0 x 11	31ED50500-220
225	500	15	24 x 4.0 x 11	31ED50500-225
250	500	16	24 x 4.0 x 11	31ED50500-250
270	500	16	24 x 5.0 x 11	31ED50500-270
300	500	18	24 x 5.0 x 11	31ED50500-300
320	500	18	24 x 5.0 x 11	31ED50500-320
350	500	20	24 x 5.0 x 11	31ED50500-350
400	500	22	24 x 5.0 x 11	31ED50500-400
450	500	24	24 x 5.0 x 11	31ED50500-450
500	500	26	24 x 5.0 x 11	31ED50500-500
550	500	28	24 x 5.0 x 11	31ED50500-550
600	500	30	24 x 5.0 x 11	31ED50500-600





/ Special lengths and diameters available on request

- / Indicate the actually required working length when ordering
- / Segment foot height can vary between 1 mm 2 mm
- / For the area of application and the evaluations "recommended", "suitable" and "€+", please refer to the total overview on pages 42–43
- / Refer to pages 56, 100 to 115 for more accessories

* For dry drilling, a drill bit with fewer segments is required – available on request





ED5 diamond segment

- / Segment suitable for brazing
- / Convincing with high cutting values
- / Powerful especially on strongly reinforced concrete and strongly reinforced concrete with hard aggregates



Ø mm	LxWxH mm Segments	Part no.
48-52	24 x 3.5 x 11	3ED5-050
56-66	24 x 3.5 x 11	3ED5-066
72-87	24 x 3.5 x 11	3ED5-080
87-112	24 x 3.5 x 11	3ED5-087
107-142	24 x 4.0 x 11	3ED5-112
107-142	24 x 4.5 x 11	3ED5-113
142-182	24 x 4.0 x 11	3ED5-152
142-182	24 x 4.5 x 11	3ED5-153
182-270	24 x 4.0 x 11	3ED5-200
182-270	24 x 4.5 x 11	3ED5-201
270+	24 x 5.0 x 11	3ED5-300
270+	24 x 6.0 x 11	3ED5-301

/ Special dimensions are available on request

* The segment is also suitable for dry drilling with reduced segments on the drill bit – available on request





/ For the area of application and the evaluations "recommended", "suitable" and "€+", please refer to the total overview on the pages 42–43

/ Refer to pages 56, 100 to 115 for more accessories

DU69 drill bit, brazed, with 1¼" UNC connection

For wet drilling in reinforced concrete with normal and hard aggregates.

/ Segment for fast speed work and long tool life

- / Up to Ø 350 mm with 1¼" UNC connection
- / From Ø 400 mm only available with 4 hole bayonet connector in spanner
 - size 41 mm or 50 mm
- / From Ø 250 mm optionally available with 4 hole bayonet connector
- / Standard working length 500 mm
- / Special working length 430 mm

52 500 5 24 x 3.5 x 10 31DU690500-0 56 500 6 24 x 3.5 x 10 31DU690500-0 62 500 6 24 x 3.5 x 10 31DU690500-0	56 62
	62
62 500 6 24 x 3.5 x 10 31DU690500-0	
	66
66 500 6 24 x 3.5 x 10 31DU690500-0	
72 500 7 24 x 3.5 x 10 31DU690500-0	72
76 500 7 24 x 3.5 x 10 31DU690500-0	76
82 500 7 24 x 3.5 x 10 31DU690500-0	82
87 500 7 24 x 3.5 x 10 31DU690500-0	87
92 500 8 24 x 3.5 x 10 31DU690500-0	92
102 500 8 24 x 3.5 x 10 31DU690500-1	02
108 500 9 24 x 4.0 x 10 31DU690500-1	.08
112 500 9 24 x 4.0 x 10 31DU690500-1	12
122 500 9 24 x 4.0 x 10 31DU690500-1	22
125 500 10 24 x 4.0 x 10 31DU690500-1	25
132 500 11 24 x 4.0 x 10 31DU690500-1	32
142 500 11 24 x 4.0 x 10 31DU690500-1	42
152 500 12 24 x 4.0 x 10 31DU690500-1	52
158 500 12 24 x 4.0 x 10 31DU690500-1	58
162 500 12 24 x 4.0 x 10 31DU690500-1	62
172 500 13 24 x 4.0 x 10 31DU690500-1	72
182 500 14 24 x 4.0 x 10 31DU690500-1	82
200 500 14 24 x 4.0 x 10 31DU690500-2	00
218 500 15 24 x 4.0 x 10 31DU690500-2	18
220 500 15 24 x 4.0 x 10 31DU690500-2	20
225 500 15 24 x 4.0 x 10 31DU690500-2	25
250 500 16 24 x 4.0 x 10 31DU690500-2	50
270 500 16 24 x 5.0 x 10 31DU690500-2	70
300 500 18 24 x 5.0 x 10 31DU690500-3	00
320 500 18 24 x 5.0 x 10 31DU690500-3	20
350 500 20 24 x 5.0 x 10 31DU690500-3	50
400 500 22 24 x 5.0 x 10 31DU690500-4	00
450 500 24 24 x 5.0 x 10 31DU690500-4	50
500 500 26 24 x 5.0 x 10 31DU690500-5	00
550 500 28 24 x 5.0 x 10 31DU690500-5	50
600 500 30 24 x 5.0 x 10 31DU690500-6	00





- / Special lengths and diameters available on request
- / Indicate the actually required working length when ordering
- / Segment foot height can vary between 1 mm 2 mm
- / For the area of application and the evaluations "recommended", "suitable" and
- "€+", please refer to the total overview on pages 42–43
- / Refer to pages 56, 100 to 115 for more accessories





DU69 diamond segment

/ Segment suitable for brazed

- / Great due to an increased tool life
- / Use primarily for reinforced and strongly reinforced concrete (even with hard aggregates)



Ø mm	LxWxH mm Segments	Part no.
48-52	24 x 3.5 x 10	3DU69-050
56-66	24 x 3.5 x 10	3DU69-066
72-87	24 x 3.5 x 10	3DU69-080
87-112	24 x 3.5 x 10	3DU69-087
107-142	24 x 4.0 x 10	3DU69-112
107-142	24 x 4.5 x 10	3DU69-113
142-182	24 x 4.0 x 10	3DU69-152
142-182	24 x 4.5 x 10	3DU69-153
182-270	24 x 4.0 x 10	3DU69-200
182-270	24 x 4.5 x 10	3DU69-201
270+	24 x 5.0 x 10	3DU69-300
270+	24 x 6.0 x 10	3DU69-301
270+	24 x 5.5 x 10	3DU69-302

/ Special dimensions are available on request



/ For the area of application and the evaluations "recommended", "suitable" and "€+", please refer to the total overview on pages 42–43
 / Refer to pages 56, 100 to 115 for more accessories



AX7 drill bit, brazed, with set diamonds



For wet drilling in reinforced concrete with normal, hard and abrasive aggregates.

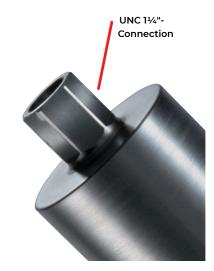
/ Set segments for highest performance

- / From \emptyset 400 mm only available with 4 hole bayonet connector in spanner size 41 mm or 50 mm
- / Standard working length 500 mm

/ Special working length 430 mm

Ø mm	L mm	Number of segments	LxWxH mm segments	Part no.
52	500	5	24 x 3.5 x 10	31AX70500-052
56	500	6	24 x 3.5 x 10	31AX70500-056
62	500	6	24 x 3.5 x 10	31AX70500-062
66	500	6	24 x 3.5 x 10	31AX70500-066
72	500	7	24 x 3.5 x 10	31AX70500-072
76	500	7	24 x 3.5 x 10	31AX70500-076
82	500	7	24 x 3.5 x 10	31AX70500-082
87	500	7	24 x 3.5 x 10	31AX70500-087
92	500	8	24 x 3.5 x 10	31AX70500-092
102	500	8	24 x 3.5 x 10	31AX70500-102
108	500	9	24 x 4.0 x 10	31AX70500-108
112	500	9	24 x 4.0 x 10	31AX70500-112
122	500	9	24 x 4.0 x 10	31AX70500-122
125	500	10	24 x 4.0 x 10	31AX70500-125
132	500	11	24 x 4.0 x 10	31AX70500-132
142	500	11	24 x 4.0 x 10	31AX70500-142
152	500	12	24 x 4.0 x 10	31AX70500-152
158	500	12	24 x 4.0 x 10	31AX70500-158
162	500	12	24 x 4.0 x 10	31AX70500-162
172	500	13	24 x 4.0 x 10	31AX70500-172
182	500	14	24 x 4.0 x 10	31AX70500-182
200	500	14	24 x 4.0 x 10	31AX70500-200
218	500	15	24 x 4.0 x 10	31AX70500-218
220	500	15	24 x 4.0 x 10	31AX70500-220
225	500	15	24 x 4.0 x 10	31AX70500-225
250	500	16	24 x 4.0 x 10	31AX70500-250
270	500	16	24 x 5.0 x 10	31AX70500-270
300	500	18	24 x 5.0 x 10	31AX70500-300
320	500	18	24 x 5.0 x 10	31AX70500-320
350	500	20	24 x 5.0 x 10	31AX70500-350
400	500	22	24 x 5.0 x 10	31AX70500-400
450	500	24	24 x 5.0 x 10	31AX70500-450
500	500	26	24 x 5.0 x 10	31AX70500-500
550	500	28	24 x 5.0 x 10	31AX70500-550
600	500	30	24 x 5.0 x 10	31AX70500-600





/ Special lengths and diameters available on request / Indicate the actually required working length when ordering

/ Segment foot height can vary between 1 mm - 2 mm

/ For the area of application and the evaluations "recommended", "suitable" and

"€+", please refer to the total overview on pages 42–43 / Refer to pages 56, 100 to 115 for more accessories







AX7 diamond segment with <mark>set</mark> diamonds



The drilling segment AX7 with a segment height of 10 mm is perfectly suited for drilling concrete with medium to very hard aggregates and (or) a very strong reinforcement.

The AX7 segment impresses users with its precise, three-dimensional symmetry of the diamond grain distribution in the substrate. This causes a continuous wear of the segment and optimises the tool life and cutting speed.

- / Suitable for brazing
- / Extremely high-cutting speed
- / Set diamond (pattern technology)
- / High-quality diamonds and best substrate material
- / Even diamond distribution in the segment



Ø mm	LxWxH mm Segments	Part no.
48-52	24 x 3.6 x 10	3AX7-050
56-66	24 x 3.6 x 10	3AX7-066
72-87	24 x 3.6 x 10	3AX7-080
87-112	24 x 3.6 x 10	3AX7-087
107-142	24 x 4.1 x 10	3AX7-112
142-182	24 x 4.1 x 10	3AX7-152
182-270	24 x 4.1 x 10	3AX7-200
270+	24 x 5.1 x 10	3AX7-300
500+	24 x 5.1 x 10	3AX7-500

/ Special dimensions are available on request



/ For the area of application and the evaluations "recommended", "suitable" and "€+", please refer to the total overview on pages 42–43
 / Refer to pages 56, 100 to 115 for more accessories



Drill bit tube with 11/4"- or 1/2" connection

/ Cold drawn and welded steel precision tubes

/ Produced according to EN10305-2 / -2 and EN235+C

/ Normalised +N

/ Materials: Tube S235, connection ST52.3



ø mm	Working length mm	Wall thickness mm	Part no.
24	500	1.5	31KR050-024
30	500	1.5	31KR050-030
34	500	1.5	31KR050-034
40	500	1.5	31KR050-040
44	500	1.5	31KR050-044
50	500	2.0	31KR050-050
55	500	2.0	31KR050-055
60	500	2.0	31KR050-060
65	500	2.0	31KR050-065
70	500	2.0	31KR050-070
75	500	2.0	31KR050-075
80	500	2.0	31KR050-080
85	500	2.0	31KR050-085
90	500	2.0	31KR050-090
100	500	2.0	31KR050-100
105	500	2.0	31KR050-105
110	500	2.0	31KR050-110
120	500	2.0	31KR050-120
123	500	2.0	31KR050-123
125	500	2.0	31KR050-125
130	500	2.5	31KR050-130
140	500	2.5	31KR050-140
150	500	2.5	31KR050-150
156	500	2.5	31KR050-156
160	500	2.5	31KR050-160
164	500	2.5	31KR050-164
170	500	2.5	31KR050-170
180	500	2.5	31KR050-180
184	500	2.5	31KR050-184
198	500	2.5	31KR050-198
200	500	2.5	31KR050-200
210	500	2.5	31KR050-210
216	500	2.5	31KR050-216
223	500	2.5	31KR050-223
248	500	2.5	31KR050-248
268	500	2.5	31KR050-268
280	500	2.5	31KR050-280
298	500	2.5	31KR050-298
318	500	2.5	31KR050-318
348	500	2.5	31KR050-348
398	500	2.5	34KR050-398
448	500	2.5	34KR050-448
498	500	2.5	34KR050-498
598	500	2.5	34KR050-598
698	500	3.0	34KR050-698
798	500	3.0	34KR050-798



Ø mm	Working length mm	Wall thickness mm	Part no.
11	400	1.5	32KR040-011
13	400	1.5	32KR040-013
14	400	1.5	32KR040-014
15	400	1.5	32KR040-015
17	400	1.5	32KR040-017
19	400	1.5	32KR040-019
21	400	1.5	32KR040-021
23	400	1.5	32KR040-023
24	400	1.5	32KR040-024
25	400	1.5	32KR040-025
27	400	1.5	32KR040-027
29	400	1.5	32KR040-029
31	400	1.5	32KR040-031
34	400	1.5	32KR040-034
37	400	1.5	32KR040-037
39	400	1.5	32KR040-039
44	400	1.5	32KR040-044
50	400	2.0	32KR040-050
55	400	2.0	32KR040-055
60	400	2.0	32KR040-060
65	400	2.0	32KR040-065
70	400	2.0	32KR040-070
75	400	2.0	32KR040-075
80	400	2.0	32KR040-080
85	400	2.0	32KR040-085
90	400	2.0	32KR040-090
100	400	2.0	32KR040-100
110	400	2.0	32KR040-110
120	400	2.0	32KR040-120
130	400	2.0	32KR040-130

/ For the drill bit tubes 1¼", a bayonet connector is required from Ø 398, see Page 104
 Special lengths and diameters are available on request for both drill bit

. tubes

/ Refer to pages 56, 100 to 115 for more accessories



Sewer drill bit tube for brazing diamond drill segments

/ For connection openings in concrete pipes

- / Connection 3 hole flange
- / Working length 300 mm and 400 mm
- / The channel drill bit can be equipped with diamond drill segments DU50*, DU69* and ED5*
- / For segment properties, refer to pages 42–43

ø mm	L mm	Number of segments	WxH mm Segments	Enter part no. / segment type DU50 DU69 or ED5 in
127	300	10	*	33 0300-127
138	300	11	*	33 0300-138
152	300	11	*	33 0300-152
166	300	12	*	33 0300-166
182	300	13	*	33 0300-182
186	300	14	*	33 0300-186
200	300	15	*	33 0300-200
257	300	16	*	33 0300-257
276	300	16	*	330300-276

ø mm	L mm	Number of segments	WxH mm Segments	Enter part no. / segment type DU50 DU69 or ED5 in
127	400	10	*	33 0400-127
138	400	11	*	33 0400-138
152	400	11	*	33 0400-152
166	400	12	*	33 0400-166
182	400	13	*	33 0400-182
186	400	14	*	33 0400-186
200	400	15	*	33 0400-200
257	400	16	*	33 0400-257
276	400	16	*	33 0400-276



/ Special lengths and diameters available on request

Indicate the actually required working length when ordering Segment foot height can vary between 1 and 2 mm Adapter, sharpening plate and other accessories can be found on page 56

Refer to pages 56, 100 to 115 for more accessories

* For precise dimensions, please refer to pages 42-43

Soldering and repair accessories

Special silver solder

/ High-quality silver solder



 Packaging unit
 Part no.

 l pc., approx. 8.3 g
 3LZB1702ST-15

 120 pcs., approx. 1 kg
 3LZB1702ST

Special flux

/ High-quality brazing flux/ Available in two different quantities



Container size	Part no.
0.5 kg	3LZB-FLM-H80-05
1.0 kg	3LZB-FLM-H80

Elastic sharpening plate

/ Dimensions: 280 x 50 x 330 mm (WxDxL)

Part no. 3LZB-SP-04



Braze magnet / 4 x protrusion 0.5/0.75/1/1.25





/ Refer to pages 100–115 for drilling accessories



EURODIMA Service Drill bit retipping

Retipping is possible for all segment types. However, they can only be brazed. The precondition for retipping is a sufficient length of the drill bit, a sufficiently thick wall thickness and no deformations or cracks in the tube.

Retipping process:

- / Goods received at EURODIMA
- / If the required criteria are not met, the further procedure is discussed with the customer
- / Cleaning the drill bit
- / Tapping and deburring the tube
- / Clean the plane area and mark segment division
- / Set and solder segments
- / Sharpening all segments
- / Application of corrosion protection onto all segments and bonds
- / Apply retipping sticker with tube diameter and segment type
- / Available for all diameters



















Diamond saw wire

The flexible cutting solution for nearly every thickness and position of the cut.

mixes / For reinforced concrete, abrasive or strongly reinforced concrete and masonry / Available in all lengths / High-cutting diamond sawing pearls / Diamond pearls are pressed into the substrate wire / Produced according to DIN 900001 **High-quality** substrate wire with specific springs Movement direction indicator with arrow Diamond saw wire with application area for Part no. strongly reinforced concrete, high-cutting, Ø 10.5 mm (1) 3DS40HBLACK Diamond sawing Iron, very strongly reinforced concrete, electroplated coating, Ø 10.5 mm (2) 3DS40FEP pearls Masonry Ø 11.5 mm 3DS40FBLACK sintered (1) / SPECIFICATIONS Substrate wire diameter 4.85 mm Pearls per running metre 40 Page of catalogue Part no. **Recommended accessories** 6BWC9 160 Wire connector

6DSZQZ03AKKU

6DSZQV01

6DSZQV03

161

169

169

Diamond sawing pearls electroplated coating (2)

Flexible rubber

Wire crimp 8 mm

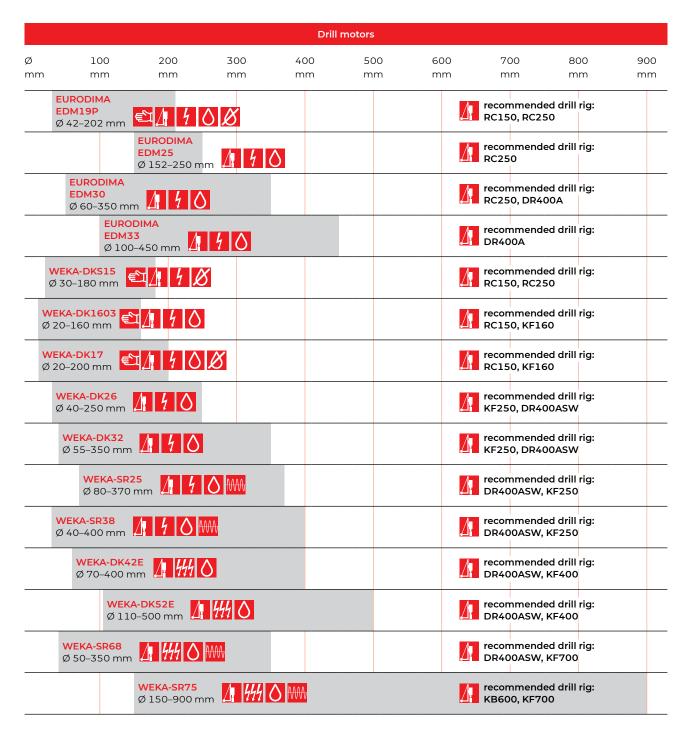
Battery-powered 11 t hydraulic crimping tool

Wire crimp 9 mm with female thread



Drilling & accessories

Application areas for drill motors





required mains voltage 230 V required mains voltage 400 V



www.regulated frequency

Special drill motors (low-, fast-speed engines) available on request.



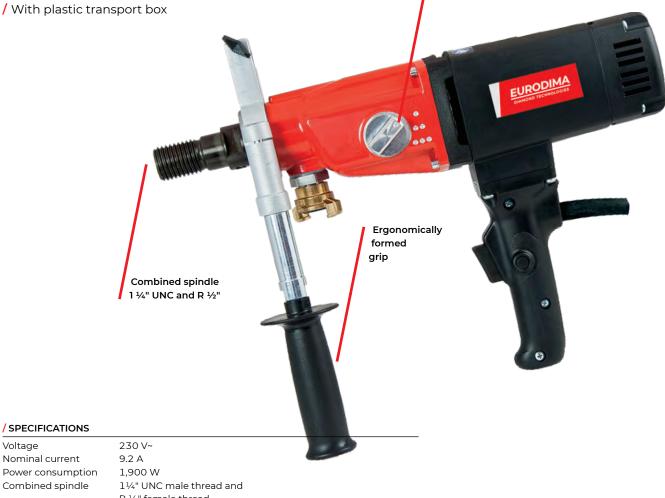


6.15

EURODIMA drill motor EDM19P

Part no.: 6EDM19P

- / Wet and dry drilling with bayonet lock
- / Adapter with vacuum cleaner connection (Ø 35 mm) included
- / Use as a handheld drill motor or with suitable drill rig
- / PRCD integrated in cable
- / Additional grip for handheld operation
- / Soft start
- / Air cooled
- / Mechanical, electronic and thermal overload protection
- / Metal housing part from cast aluminium
- / Including 1 single open-end spanner SW32 and SW41 each
- / With plastic transport box



3-speed gearbox

Weight Nominal speed Collar diameter max. drilling diameter

/ SPECIFICATIONS

Nominal current

Combined spindle

Voltage

R 1⁄2" female thread approx. 6.5 kg 550 rpm / 1,250 rpm / 2,700 rpm 60 mm concrete152 / 82 / 42 mm masonry 202 / 82 / 42 mm

/ RECOMMENDED DRILL RIG / POSSIBLE DRILL RIG

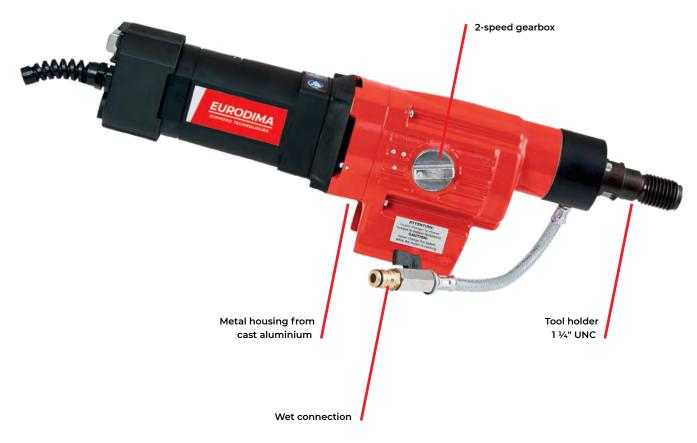
RC150 RC250 KF160



EURODIMA drill motor EDM25

Part no.: 6EDM25

- / Wet connection with ball valve and quick connecting push-on nipple
- / PRCD integrated in cable
- / Soft start
- / Air cooled
- / Mechanical and electric overload protection
- / Metal housing part from cast aluminium
- / Only use with suitable drill rig
- / Including 1 single open-end spanner SW32 and SW41 each



/ SPECIFICATIONS

Voltage	230 V~
Nominal current	11.5 A
Power consumption	2,500 W
Tool holder	1 ¼" UNC
Weight	approx. 10.5 kg
Nominal speed	360 / 850 rpm
Max. Drilling diameter	250/152 mm
Hole pattern	page 74

/ RECOMMENDED DRILL RIG / POSSIBLE DRILL RIG

RC250

KF250

/ ACCESSORIES

Motor plate

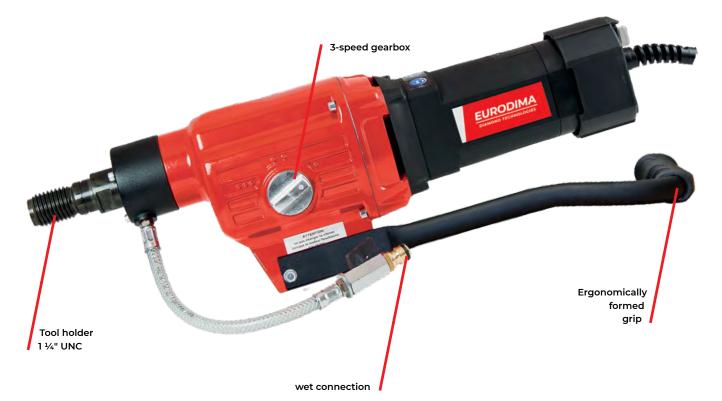
page 74



EURODIMA drill motor EDM30

Part no.: 6EDM30

- / Wet connection with ball valve and quick connecting push-on nipple
- / PRCD integrated in cable
- / Soft start
- / Air cooled
- / Mechanical, electronic and thermal overload protection
- / Metal housing part from cast aluminium
- / Only use with suitable drill rig
- / Including transport grip
- / Including 1 single open-end spanner SW32 and SW41 each



/ SPECIFICATIONS

Voltage	230 V~
Nominal current	13.5 A
Power consumption	3,000 W
Tool holder	1 ¼" UNC
Weight	approx. 12.4 kg
Nominal speed	230 / 500 / 1,030 rpm
Max. Drilling diameter	350/150/60 mm
Hole pattern	page 74

/ RECOMMENDED DRILL RIG / POSSIBLE DRILL RIG

RC250	
DR400A	

KF250 KF400

/ ACCESSORIES

Motor plate

page 74

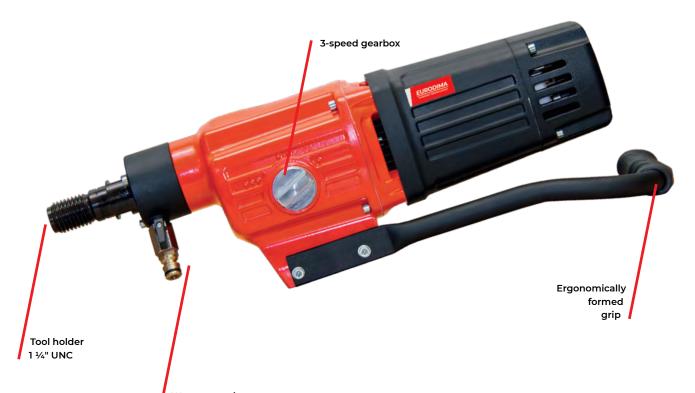




EURODIMA drill motor EDM33

Part no.: 6EDM33

- / Wet connection with ball valve and quick connecting push-on nipple
- / PRCD integrated in cable
- / Soft start
- / Air cooled
- / Mechanical and electric overload protection
- / Rugged full-aluminium housing
- / Only use with suitable drill rig
- / Including transport grip
- / Including 1 single open-end spanner SW32 and SW41 each



Wet connection

page 74

/ SPECIFICATIONS

Voltage	230 V~
Nominal current	15.9 A
Power consumption	3,300 W
Tool holder	1 ¼" UNC
Weight	approx. 15.3 kg
Nominal speed	180 / 400 / 780 rpm
Max. Drilling diameter	450/200/100 mm
Hole pattern	page 74

/ RECOMMENDED DRILL RIG / P	POSSIBLE DRILL RIG
-----------------------------	--------------------

DR400A	KF250
	KF400
/ ACCESSORIES	

Motor plate

<u>⊿</u> 4 0

WEKA drill motor DKS15

- / Dry drilling in different substrates
- / The optionally activatable soft hammer function supports the powerful 2,000 W motor and accelerates the working speed in reinforced concrete and hard materials
- / The drilling dust is loosened from the segments with the soft hammer and removed with the efficient dust extraction

/ DKS 15 L - reduced speed for powerful drilling of larger drill diameters in reinforced concrete
/ DKS 15 S - increased speed for fast drilling of smaller drill diameters, especially dry core drills in hard stone and reinforced concrete



Pistol grip

Spade grip

Model	Type of speed	Handle	Part no.
DKS15	Normal speed	Pistol grip	6WDMDKS15
DKS15S	Fast speed	Pistol grip	6WDMDKS15S
DKS15L	Slow speed	Pistol grip	6WDMDKS15L
DKS15SP	Normal speed	Spade grip	6WDMDKS15SP
DKS15SPS	Fast speed	Spade grip	6WDMDKS15SPS
DKS15SPL	Slow speed	Spade grip	6WDMDKS15SPL

KF160

KF250

/ RECOMMENDED DRILL RIG / POSSIBLE DRILL RIG

RC150 RC250



WEKA drill motor DK17

Part no.: 6WDM17

- / Wet and dry drilling in different substrates
- / 3-speed gearbox

/ Smart electronics – motor protection and soft start

/ Levelling help with two integrated level indicators



/ SPECIFICATIONS

Voltage
Nominal current
Power consumption
Nominal speed
Tool holder
Max. drilling diameter
Weight
Collar Ø

230 V~ 9.3 A 2,000 W 540/1200/2520 rpm 1 ¼" + adapter G ½" 20–200 mm 6.3 kg 60 mm

/ RECOMMENDED DRILL RIG / POSSIBLE DRILL RIG

RC150	
KF160	

RC250 KF250



WEKA drill motor DK1603

Part no.: 6WDM18

/ 3-speed gearbox

/ Smart electronics – motor protection and soft start / Levelling help with two integrated level indicators

SPECIFICATIONS

Voltage	230 V~	
Nominal current	9.3 A	
Power consumption	2,000 W	
Nominal speed	540/1200/2520 rpm	
Tool holder	1 ¼" + adapter G ½"	
Max. drilling diameter	20–160 mm	
Weight	5.9 kg	
Collar Ø	60 mm	
RECOMMENDED DRILL RIG POSSIBLE DRILL RIG		
RC150	RC250	
KF160	KF250	

WEKA drill motor DK26

Part no.: 6WDM26

/ Oil bath gearbox with oil pump

/ High performance overload coupling

/ Motor protection and soft start with smart electronics

- / Anti-friction element
- / On request, DK26 is available as fast and slow speed version

/ SPECIFICATIONS

Voltage	230 V~
Nominal current	12.5 A
Power consumption	2600
Nominal speed	320/6
Tool holder	1 1⁄4"
max. drilling diameter	40-250
Weight	11.6 kg
Hole pattern	page 74

12.5 A 2600 320 / 630 / 90 rpm 1 ¼" 40-250 mm 11.6 kg page 74

page 74

/ RECOMMENDED DRILL RIGS

KF250 DR400ASW

/ACCESSORIES

Motor plate





WEKA drill motor DK32

Part no.: 6WDM32

/ 3-speed gearbox

/ High performance and overload coupling

/ Smart electronics – motor protection and soft start

- / Anti-friction element for quick release of the drill bit
- / DK32 S fast speed version available on request

/ SPECIFICATIONS

Voltage	230\
Nominal current	15.0/
Power consumption	3,200
Nominal speed	230/
Tool holder	1 ¼"
Max. drilling diameter	55-3
Weight	11.9
Hole pattern	page

230 V~ 15.0 A 3,200 W 230 / 480 / 720 rpm 1 ³⁄4" 55–350 mm 11.9 kg page 74

/ RECOMMENDED DRILL RIG / POSSIBLE DRILL RIG

KF250

DR400ASW

/ ACCESSORIES

Motor plate

page 74

KF400



WEKA drill motor SR25

Part no.: 6WDM25

/ Powerful, water-cooled SR motor

- / Gearbox with oil bath lubrication and oil pump
- / High performance and overload coupling
- / SR25 S fast speed version available on request

230 V~



SPECIFICATIONS

Voltage
Nominal current
Power consumption
Nominal speed
max. drill diameter
Weight
Hole pattern

16.0 A 3,700 W 230 / 280 / 340 rpm 410 / 490 / 570 rpm 80–370 mm 14.7 kg page 74

/ RECOMMENDED DRILL RIG / POSSIBLE DRILL RIG

DR400ASW KF250

/ ACCESSORIES

Motor plate

page 74

KF400





WEKA drill motor SR38

Part no.: 6WDM38

/ Powerful, water-cooled SR motor

- / High performance and overload coupling
- / Suitable to drill upside down
- / SR38 S fast speed version available on request

/ SPECIFICATIONS

Voltage	230 V~	
Nominal current	16.0 A	
Power consumption	3,700 W	
Nominal speed	180/220/260/320/280/445 rpm	
	360 / 430 / 520 / 630 / 755 / 880 rpm	
	560/670/810/980/1180/1370 rpm	
Tool holder	1 ¼" + adapter G ½"	
Max. drilling diameter	40–400 mm	
Weight	16.5 kg	
Hole pattern	page 74	
/ RECOMMENDED DRILL RIG / POSSIBLE DRILL RIG		
DR400ASW	KF400	
KF250		
ACCESSORIES		
Motor plate	page 74	



WEKA drill motor DK42 / E

Part no.: 6WDM42 / 6WDM42E

/ Powerful and rugged, water-cooled three-phase motor / 3-speed gearbox with oil bath lubrication and oil pump / Anti-friction element for quick release of the drill bit / Suitable to drill upside down

/ On request, DK42 E is also available as a fast and slow speed version

/ SPECIFICATIONS

Voltage	400 V~
Nominal current	7.2 A
Power consumption	3,900 W
Nominal speed	160/310/4
Tool holder	1 1⁄4"
max. drilling diameter	70–400 mm
Weight	19.0 kg
Hole pattern	page 74

90 rpm

KF600

page 74

/ RECOMMENDED DRILL RIG / POSSIBLE DRILL RIG

DR400ASW, KF400

/ACCESSORIES

Motor plate





WEKA drill motor DK52 / E

Part no.: 6WDM52 / 6WDM52E

- / Powerful and rugged, water-cooled three-phase motor
- / 3-speed gearbox with oil bath lubrication and oil pump
- / Anti-friction element for quick release of the drill bit
- / On request, DK52 E with motor electronics is available as fast speed version

/ SPECIFICATIONS

Voltage	400 V~	
Nominal current	9.5 A	
Power consumption	5,200 W	
Nominal speed	130/260/410 rpm	
Tool holder	1 1/4"	
Max. drilling diameter	110–500 mm	
Weight	22.9 kg	
Hole pattern	page 74	
/ RECOMMENDED DRILL RIG / POSSIBLE DRILL RIG		
DR400ASW, KF400	KF700	

/ACCESSORIES Motor plate

page 74



WEKA drill motor SR68 Jumbo

Part no.: 6WDM68

/ Extremely powerful, water-cooled SR motor
/ Drilling diameter info on the display
/ During drilling, 6 motor power levels selectable

/ Overload coupling/water-cooled

/ SPECIFICATIONS

400 V~
15.0 A
7,500 W
140/175/205/240/270/305 rpm
1 ¼"
50–350 mm
18.3 kg
page 74

/ RECOMMENDED DRILL RIG / POSSIBLE DRILL RIG

DR400ASW, KF700

ACCESSORIES

Motor plate

page 74

KF1000







WEKA drill motor SR75 Jumbo

Part no.: 6WDM75

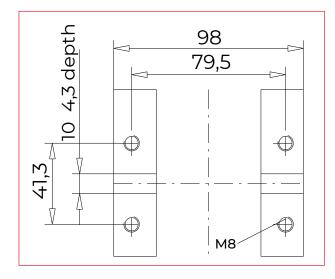
/ Extremely powerful, water-cooled SR motor

- / Information output on the display
- / 3-speed gearbox x 5-motor speeds
- / Integrated operating hours counter
- / SR75 S fast speed version available on request

/ SPECIFICATIONS

Voltage	400 V~
Nominal current	15.0 A
Power consumption	7,500 W
Nominal speed	60/70/85/100/115 rpm
	115 / 140 / 165 / 200 / 230 rpm
	180/215/260/310/360 rpm
tool holder	M33 incl. adapter
Max. drilling diameter	150–900 mm
Weight	19.5 kg
Hole pattern	page 74
/ RECOMMENDED DRI	LL RIG / POSSIBLE DRILL RIG
KB600, KF700	KF1000
ACCESSORIES	
Motor plate	page 74

Drill motor hole pattern EDM25 - SR68





Motor plate part no. 6DWS35000 for RC250



Motor plate/rig plate part no. 6DRZB07/6DRZB08 for DR400A



Motor fixing plate part no. 1-KB600ZB11 for KB600

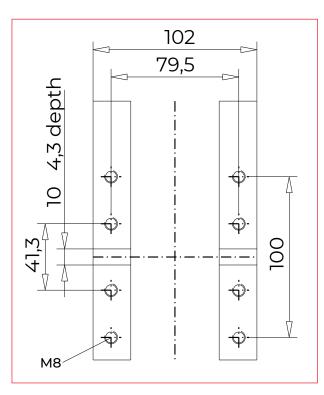


Hook part no. 6DR500ZB09 for DR400ASW

Quick exchange plate part no. 4KF600.1.19BGK for DR400A, DR400ASW, KF400, KF600

Distance plate 30 mm (for Ø 500 holes) part no. 6DRZB11 for DR400A, DR400ASW, KF400

Drill motor hole pattern Hole pattern SR75



Quick exchange plate part no. 4KF600.1.19BGK for KF700



Motor fixing plate part no. 1-KB600ZB11 for KB600 Quick exchange plate part no. 4KF1000.4.0KW for KF1000

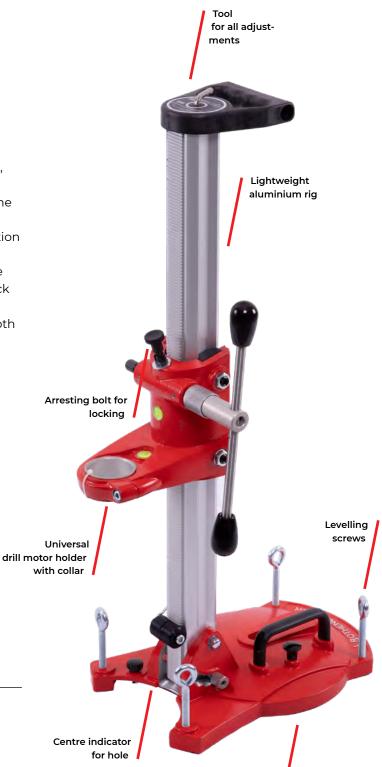


EURODIMA drill rig RC150

Part no.: 6DWS131

Extra lightweight drill rig with collar holder for accurate drilling in heating, sanitary and electrical areas.

- / Max. drilling diameter 152 mm
- / Drill base to be used with dowels and vacuum, vacuum valve is integrated in the base plate
- / I tool for every setting at the drill rig, fixed in the transport grip
- / Universal drill motor holder Ø 60 mm + reduction ring to Ø 56 mm
- / Quick alignment with centre indicator for hole
- / Feed lever exchangeable in one step with quick release
- / Measuring scale for the drilling depth and depth stop for perfect blind hole drillings
- / Accurate alignment with horizontal and vertical levels



Combined base plate

SPECIFICATIONS

Length	430 mm
Width	250 mm
Height	800 mm
Travel	480 mm
Drilling Ø max.	152 mm
Weight	10 kg
Drilling angle adjustment	15°, 30° a

250 mm 800 mm 480 mm 152 mm 10 kg 15°, 30° and 45°

/ RECOMMENDED DRILL MOTOR

EDM19P WEKA-DKS15 WEKA-DK16.3 WEKA-DK17





Combined base plate for dowel or vacuum fastening with adjustment screw part no. 6DWS85105



Centre indicator for hole for RC150 part no. 6DWS82933

2

Feed lever for RC150 part no. 6DR400ZB20



Vacuum set part no. 6DWS131ZB04



Vacuum pump part no. 1-BZB01VP

/ Refer to pages 100–115 for more accessories

RC150 components & equipment



Feed carrier with collar/ Horizontal and vertical levels/ Plastic guides on both sides, easy to adjust



Dowel base / Drilling angle adjustment to 0°, 15°, 30° and 45° / Level screws

/ Vacuum fastening possible

EURODIMA drill rig RC250

Part no.: 6DWS202

Medium-sized drill rig with quick exchange plate and universal holder. For accurate drilling in heating, sanitary and electrical areas.

- / Versatile holder with motor quick exchange plate for all common drill motors
- / Collar adapter Ø 60 mm and reduction ring to Ø 56 mm
- / Drill base to be used with dowels and vacuum, vacuum valve is integrated in the base plate
- / I tool for every setting at the drill rig, fixed in the transport grip
- / Quick alignment with centre indicator for hole
- / Accurate alignment with horizontal level
- / Wide wheels with good driving properties for smooth and easy transport
- / Measuring scale for the drilling depth and depth stop for perfect blind hole drillings



/ SPECIFICATIONS

Length	600 mm
Width	320 mm
Height	970 mm
Travel	650 mm
Drilling Ø max.	250 mm
Weight	18.5 kg
Drilling angle adjustment	15°, 30° a

/ RECOMMENDED DRILL MOTOR

EDM19P EDM25 EDM30 WEKA-DKS15 / POSSIBLE DRILL MOTOR

WEKA-DK16.3 WEKA-DK17

and 45°





Combined base plate for dowel or vacuum fastening with adjustment screw and axis part no. 6DWS82821



Motor plate for RC250 part no. 6DWS35000



Collar adapter for RC250 part no. 6ROB150005



Centre indicator for hole for RC250 part no. 6DWS82934



Feed lever for RC250 part no. 6DR400ZB20



Vacuum set part no. 6DWS202ZB03

Vacuum pump part no. 1-BZB01VP

/ Refer to pages 100–115 for more accessories

RC250 components & equipment



Feed carriage/ Easy to adjust/ Tool-free removal of motor plate



Dowel base / Drilling angle adjustment to 0°, 15°, 30° and 45° / Level screws

/ Vacuum fastening possible

EURODIMA drill rig DR400A

Part no.: 6DR400A

The drill rig for accurate drilling up to a diameter of 400 mm. Ideal for larger drilling jobs in the entire construction area.

- / Universal drill motor holder for all common drill motors
- / Standard lowering unit with 1:1 or 1:3 fine feed drive
- / Lowering unit can be operated from both sides and is for universal use
- / Continuous angle adjustment up to 45°

/ Toothed rack exchangeable

/ Stable roller guide

Feed carriage with lock – guide rollers can be easily adjusted via an eccentric screw

Angle adjustment up to 45°





/ SPECIFICATIONS

	() 5
Length	425 mm
Width	260 mm
Height	1,000 mm
Travel	640 mm
Drilling Ø	max. 400 mm
Weight	21.4 kg

/ RECOMMENDED DRILL MOTOR

EDM30 EDM33







Feed housing DR400A complete, with drive 1:1 and 1:3 part no. 6DR400ZB01



Dowel foot plate DR400A with adjustment screws and axis part no. 6DR400ZB03



Swivel mounting DR400A complete, with angle adjustment part no. 6DR400ZB04



Guide column DR400A, travel/length: 680/1,100 mm, incl. transport grip part no. 6DR400ZB02

Travel/length: 1,000/1,420 mm **part no. 6DR400ZB05**

Travel/length: 1,500/1,920 mm **part no. 6DR400ZB06**



Feed lever for DR part no. 6DR400ZB20



Inclined support DR400A for dowel base incl. undercarriage part no. 6DR400ZB07

W. A

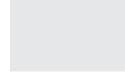
Motor plate DR-DM part no. 6DRZB07



Rig plate DR-DM part no. 6DRZB08



Motor swivel plate part no. 6DB300ZB10



FLEIKA adapter plate motor and rig side part no. 4KF600.1.19BGK

/ Refer to pages 100–115 for more accessories

DR400A components & equipment



Dowel base / Incl. wheels for easy transport / Solid construction



Feed carriage / Standard lowering unit with 1:1 or 1:3 fine feed

drive / Guide rollers easy to adjust

EURODIMA drill rig DR400ASW

Part no.: 6DR400ASW

The professional drill rig for accurate drilling up to a diameter of 400 mm. Ideal for larger drilling jobs in the entire construction area.

- / Motor quick exchange system
- / Standard lowering unit with 1:1 or 1:3 fine feed drive
- / Lowering unit can be operated from both sides and is for universal use
- / Continuous angle adjustment up to 60°
- / Undercarriage can be easily dismantled for use in confined spaces
- / Toothed rack exchangeable
- / Optimised concerning weight and stability

Feed carriage with lock – guide rollers can be easily adjusted



/ SPECIFICATIONS

Length	470 mm
Width	245 mm
Height	1,000 mm
Travel	640 mm
Drilling Ø	max.400 mm
Weight	21.5 kg

/ RECOMMENDED DRILL MOTOR

WEKA-DK32 WEKA-SR35 WEKA-SR38 WEKA-DK42E WEKA-DK52E WEKA-SR68



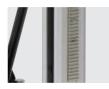




Feed housing DR400ASW part no. 6DR500ZB01



Dowel base plate DR400ASW complete part no. 6DR270WZB03-01



Guide column DR400ASW travel/length: 595/980 mm, incl. transport grip part no. 6DR270ZB02 travel/length 1,000/1,420 mm part no. 6DR270ZB06

travel/length 1,500/1,920 mm part no. 6DR270ZB07



Feed lever for DR part no. 6DR400ZB20

FLEIKA adapter plate

motor and rig side part no. 4KF600.1.19BGK



Inclined support DR400ASW part no. 6DR400ASWZB07-01



Undercarriage DR400ASW part no. 6DR400ASWZB05



Quick exchange plate at the motor part no. 6DR500ZB09



Drill motor plate H version complete part no. 4KF250.1.18HK

/ Refer to pages 100–115 for more accessories

DR400ASW components & equipment



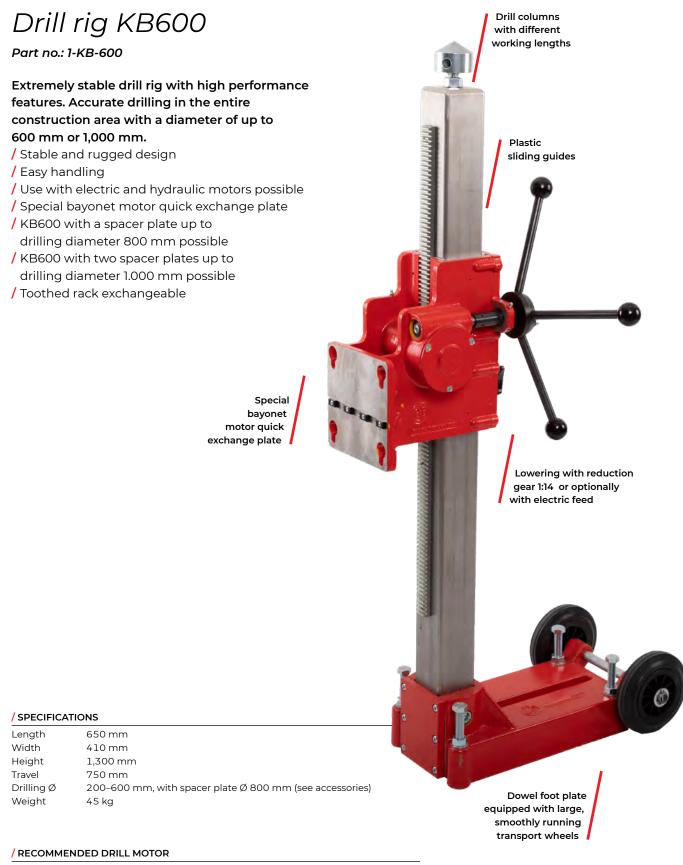
Angle adjustment

/ Continuous angle adjustment up to 60° / Positive and negative inclination possible



Feed carriage

- / Lowering unit can be operated from both sides
- / Guide rollers easy to adjust
- / Reinforced eccentric rollers



WEKA-SR75 Hydraulic drilling





Hydraulic drill spindle KB600 1¼" with flushing head without motor part no. 1-KB600ZB04



Spacer plate KB600 100 mm for drilling Ø 800 mm part no. 1-KB600ZB14



Drill column KB600 750 mm stroke part no. 1-KB600ZB02 1,250 mm travel part no. 1-KB600ZB13

Different column length on request



Dowel base KB600 with wheels part no. 1-KB600ZB01



Feed housing KB600 part no. 1-KB600ZB03



Motor fixing plate KB600 for electric drill motors part no. 1-KB600ZB11

/ Refer to pages 100–115 for more accessories

KB600 components & equipment



Feed carriage / Multiple bearing with wear-resistant plastic jaws / Rugged, single-part housing



FLEIKA drill rig KF160

Part no.: 4KF160

The professional drill rig KF160 for holes with a diameter up to 160 mm.

- / Proven integrated quick exchange system for holding collar adapter and drill motor plates
- / New developed feed lock with good access
- / Hinged clamps out of stainless steel enable adjustment of the drilling angle to the front by 30° and to the back by 60°
- / The crank with quick exchange system can be changed easily from the left-hand side to the right-hand side
- / Collar is not included in the scope of delivery



/ SPECIFICATIONS

2.3 kW
100 Nm
250 mm
180 mm
800 mm
520 mm
max. 160 mm
11.5 kg
dowel base
1:14

/ RECOMMENDED DRILL MOTOR	/ POSSIBLE DRILL MOTOR
WEKA-DK16.3	EDM19P
WEKA-DK17	WEKA-DKS15

*recommended



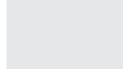
Housing, cpl. part no. 4KF160.1.00K Crank, cpl. part no. 4KF160.2.00K



Lever, cpl. part no. 4KF160.3.00K



Support, cpl. part no. 4KF160.5.00K



Base console, cpl. part no. 4KF160.6.00K

Drill motor plate 80, cpl. part no. 4KF160.7.00K

Drill motor plate 100, cpl. part no. 4KF160.8.00K



Guide column, cpl.

part no. 4KF160.4.00K

a m



End stop, cpl.

Centre indicator for hole, cpl. part no. 4KF160.10.00K



part no. 4KF160.11.00K



Drill mud collection ring & collar 130, cpl. part no. 4KF160.12.00K



Drill mud collection ring & screw 130, cpl. part no. 4KF160.13.00K



Membrane part no. 4KF160.14.00K

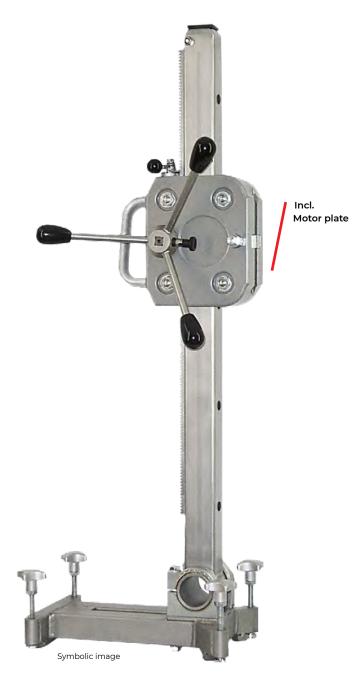
FLEIKA drill rig KF250

Part no.: 4KF250

The professional drill rig KF 250 for holes with a diameter up to 250 mm.

/ Column from stainless steel

- / Reduction gear and integrated
- motor holder in the housing
- / Quick release fastener
- / The crank with quick exchange system can be changed easily from the left-hand side to the right-hand side
- / Hinged clamps out of stainless steel enable adjustment of the drilling angle to the front by 30° and to the back by 60°
- / As a standard, the motor plate (4KF150.1.18K) is included in the scope of delivery



/ SPECIFICATIONS

Motor power max.	3.3 kW
Torque max.	200 Nm
Length	330 mm
Width	200 mm
Height	950 mm
Travel	590 mm
Drilling Ø	max. 250 mm
Weight	16.0 kg
Base plate	dowel base
Fastening armature bar*	M12
Transmission ratio	1:11

/ RECOMMENDED DRILL MOTOR	/ POSSIBLE DRILL MOTOR
WEKA-DK32	EDM25
WEKA-SR25	EDM30
WEKA-SR38	EDM33
	WEKA-DKS15
	WEKA-DK16.3
	WEKA-DK17

*recommended



Housing, cpl., with paint part no. 4KF150.1.0KFKF

Transmission gear 1:2.6, cpl. part no. 4KF150.12.00K Crank, cpl. part no. 150.2.0K Lever, cpl. part no. 4KF150.2.50K Guide column 820, cpl. with hinged clamp part no. 4KF150.6.0KFG.K

Guide column 1300, cpl. with hinged clamp

part no. 4KF150.6.13KFG.K



Support 1300 mm for

part no. 4KF250.22.00K

n 1960, cpl. Support 820 mm, cpl. clamp part no. 4KF250.18.00K

Support 1300 mm, cpl. part no. 4KF250.19.00K Support 1960 mm, cpl. part no. 4KF250.20.00K

Base console steel, cpl.,

part no. 4KF150.4.0ST.SchK

narrow

retrofitting part no. 4KF250.21.00K

Support 820 mm for



retrofitting

Drill mud collection ring & collar D132, cpl. part no. 4KF250.8.0K



Support 1960 mm for

part no. 4KF250.23.00K

retrofitting

Drill mud collection ring & collar D202, cpl. part no. 4KF250.9.0K



Base console steel, cpl.

part no. 4KF150.4.0STK

Drill mud collection ring & screw D132, cpl. part no. 4KF250.8.01K



Drill mud collection ring & screw D202, cpl. part no. 4KF250.9.01K



Wheel axle, cpl. part no. 4KF250.4.6K

Membrane D132 part no. 4KF150.8.7

Quick exchange spacer

part no. 4KF150.1.19BGK

50 mm, cpl.



Membrane D202 part no. 4KF250.8.7



Centre indicator for drilling, motor dist. 115 - 150 mm, cpl. part no. 4KF250.10.2K



Drill motor plate, cpl.

part no. 4KF150.1.18K

End stop, cpl. part no. 4KF150.6.30K



Collar adapter, cpl. part no. 4KF150.11.0K



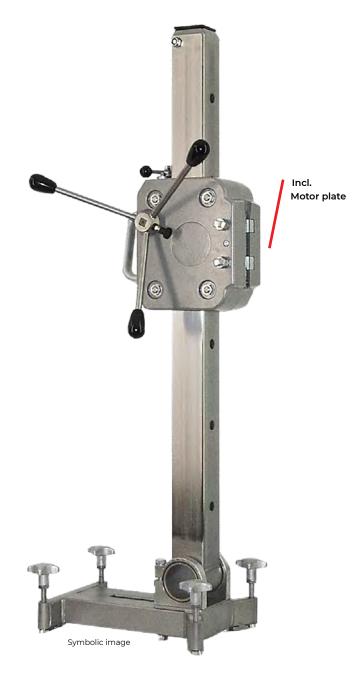
Drill motor plate H version complete part no. 4KF250.1.18HK

FLEIKA drill rig KF400

Part no.: 4KF400

The professional drill rig KF400 for holes with a diameter up to 400 mm.

- / Drill motor plate can be exchanged quickly and easily
- / Hand crank with quick release fastener
- / Column out of stainless steel
- / Motor can be removed even in confined spaces
- / Reduction gear in the feed housing
- / Base console pivoting to the front and back 60°
- / As a standard, the motor plate (4KF250.1.18K) is included in the scope of delivery



/SPECIFICATIONS

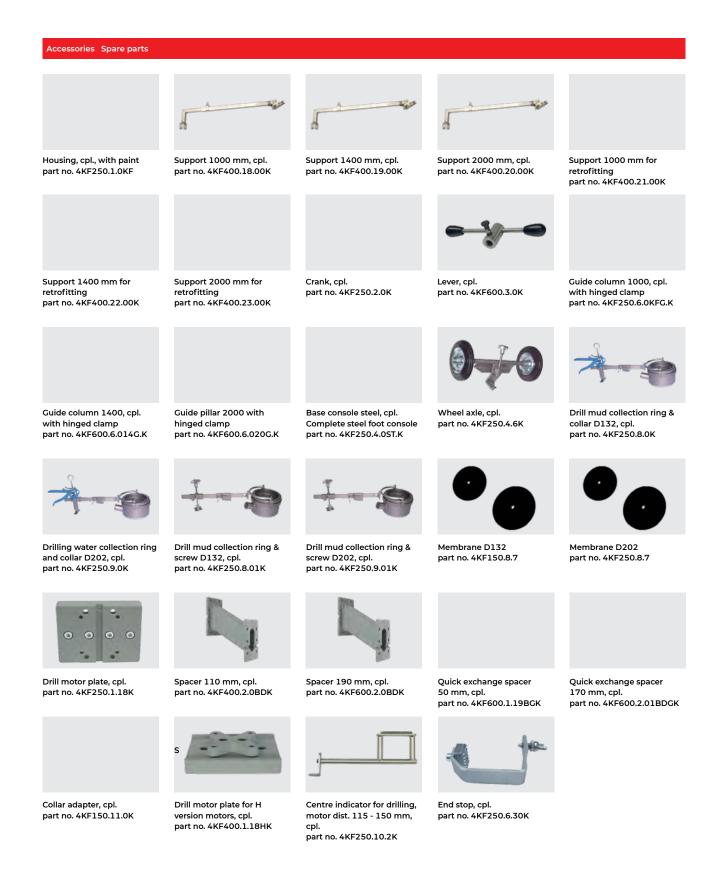
Motor power max.	5.3 kW
Torque max.	400 Nm
Length	360 mm
Width	250 mm
Height	1,140 mm
Travel	690 mm
Drilling Ø	max. 400 mm
Weight	26.0 kg
Base plate	dowel base
Fastening armature bar*	M16
Transmission ratio	1:20

/ RECOMMENDED DRILL MOTOR / POSSIBLE DRILL MOTOR WEKA-DK42E EDM30 WEKA-DK52E EDM33 WEKA-DK52E WEKA-DK32 WEKA-SR25 WEKA-SR25

WEKA-SR38

*recommended





/ Refer to pages 100–115 for more accessories

FLEIKA drill rig KF600

Part no.: 4KF600

The professional drill rig KF600 for holes with a diameter up to 600 mm.

- / Drill motor plate can be exchanged quickly and easily
- / Hand crank with quick release fastener
- / Column out of stainless steel
- / Motor can be removed even in confined spaces
- / Reduction gear in the feed housing
- / Base console pivoting to the front and back 60°
- / As a standard, the spacer (4KF600.2.0BDK) is included in the scope of delivery



/ SPECIFICATIONS

Motor power max.
Torque max.
Length
Width
Height
Travel
Drilling Ø
Weight
Base plate
Fastening armature bar*
Transmission ratio

5.3 kW 400 Nm 410 mm 300 mm 1,540 mm 1,090 mm max. 600 mm 37.0 kg dowel base M16 1:20

/ RECOMMENDED DRILL MOTOR

WEKA-SR75

*recommended









Housing, cpl., with paint

part no. 4KF601.1.0KFKF

Lever, cpl. part no. 4KF600.3.0

Base console steel, cpl.

part no. 4KF600.4.0ST.K

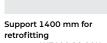
Support 1400 mm, cpl. part no. 4KF400.19.00K



Crank, cpl. part no. 4KF250.2.0K



Guide column 1400, cpl. with hinged clamp part no. 4KF600.6.014G.K



part no. 4KF400.22.00K



Guide column 2000, cpl. with hinged clamp part no. 4KF600.6.020G.K



Support 2000 mm for

Wheel axle, cpl. part no. 4KF600.1.06K



Drill mud collection ring & collar D132, cpl. part no. 4KF250.8.0K



Membrane D202 part no. 4KF250.8.7



Drill mud collection ring & collar D202, cpl. part no. 4KF250.9.0K



Drill motor plate, cpl. part no. 4KF600.1.18K



Drill mud collection ring & screw D132, cpl. part no. 4KF250.8.01K



Spacer 110 mm, cpl. part no. 4KF400.2.0BDK



Drill mud collection ring & screw D202, cpl. part no. 4KF250.9.01K



Spacer 190 mm, cpl. part no. 4KF600.2.0BDK

Membrane D132

part no. 4KF150.8.7

Quick exchange spacer 50 mm, cpl. part no. 4KF600.1.19BGK



Quick exchange spacer 170 mm, cpl. part no. 4KF600.2.01BDGK



Drill motor plate for H version motors, cpl. part no. 4KF400.1.18HK



Centre indicator for drilling, motor dist. 115-150 mm, cpl. part no. 4KF250.10.2K



End stop, cpl. part no. 4KF250.6.30K

FLEIKA drill rig KF700

Part no.: 4KF700

The professional drill rig KF700 for holes with a diameter up to 700 mm.

- / Drill motor plate can be exchanged quickly and easily
- / Hand crank with quick release fastener
- / Column out of stainless steel
- / Motor can be removed even in confined spaces
- / Reduction gear in the feed housing
- / Base console pivoting to the front and back 60°
- / As a standard, the quick exchange spacer (4KF600.1.19BGK) and the drill motor plate (4KF700.1.18K) are included in the scope of delivery



/ SPECIFICATIONS

Motor power max.	7.5 kW
Torque max.	400 Nm
Length	460 mm
Width	380 mm
Height	1,540 mm
Travel	1,010 mm
Drilling Ø	max. 700 mm
Weight	43.0 kg
Base plate	dowel base
Fastening armature bar*	M16
Transmission ratio	1:51/1:21

/ RECOMMENDED DRILL MOTOR

WEKA-SR68 WEKA-SR75

*recommended



Feed housing, cpl. (silver grey) part no. 4KF700.1.2.3K

Guide column 1400, cpl.

part no. 4KF600.6.014G.K

with hinged clamp

Spur gear part no. 4KF700.3.0K

Guide column 2000, cpl.

part no. 4KF700.6.020G.K

with hinged clamp

Worm gear part no. 4KF700.3.0K



Crank, cpl.



Support 1400 mm, cpl. part no. 4KF700.19.00K Guide column 1000, cpl. with hinged clamp part no. 4KF700.6.0G.K.



Support 2000 mm, cpl. part no. 4KF700.20.00K

Drill mud collection ring &

part no. 4KF250.8.01K

screw D132, cpl.



Wheel axle, cpl. part no. 4KF700.1.06K



Base bracket

part no. 4KF700.9.0K

Membrane D132 part no. 4KF150.8.7







Support 1000 mm, cpl.

part no. 4KF700.18.00K

Drill mud collection ring & collar D132, cpl. part no. 4KF250.8.0K



Membrane D202 part no. 4KF250.8.7



Drill mud collection ring & collar D202, cpl. part no. 4KF250.9.0K



Drill motor plate, cpl. part no. 4KF700.1.18K





Drill mud collection ring &

screw D202, cpl.

part no. 4KF250.9.0K

Spacer 190 mm, cpl. part no. 4KF600.2.0BDK



Centre indicator for drilling, motor dist. 115-150 mm, cpl. part no. 4KF250.10.2K

íQ-

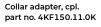
Quick exchange spacer

part no. 4KF600.1.19BGK

50 mm, cpl.

End stop, cpl. part no. 4KF250.6.30K

Quick exchange spacer 170 mm, cpl. part no. 4KF600.2.01BDGK





/ Refer to pages 100–115 for more accessories

FLEIKA drill rig KF1000

Part no.: 4KF1000

The professional drill rig KF1000 for holes with a diameter up to 1000 mm.

- / Drill motor plate can be exchanged quickly and easily
- / Hand crank with quick release fastener
- / Column out of stainless steel
- / Motor can be removed even in confined spaces
- / Reduction gear in the feed housing
- / Base console pivoting to the front and back 60°
- / As a standard, the quick exchange spacer 200 (4KF1000.10.01BDGK) and the drill motor plate (4KF1000.4.0KW) are included in the scope of delivery



/ SPECIFICATIONS

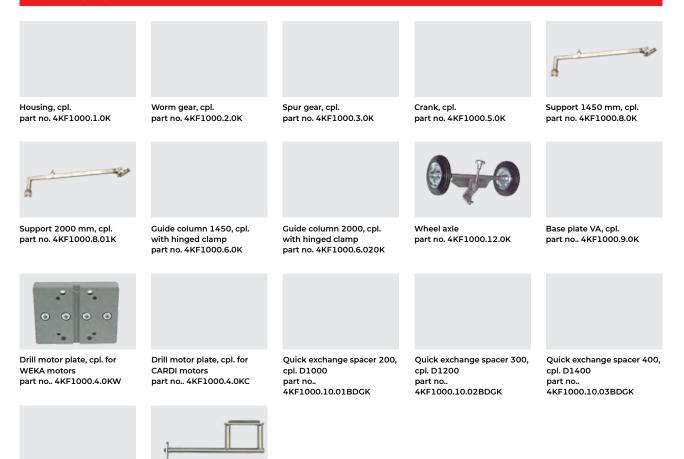
Motor power max.	8.0 kW
Torque max.	700 Nm
Length	580 mm
Width	525 mm
Height	1,650 mm
Travel	1,080 mm
Drilling Ø	max. 1,000 mm
Weight	65.0 kg
Base plate	dowel base
Fastening armature bar*	M20
Transmission ratio	1:51/1:21

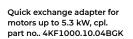
/ RECOMMENDED DRILL MOTOR

WEKA-SR75 Hydraulic drilling

*recommended







Centre indicator for drilling, motor dist. 115–150 mm, cpl. part no. 4KF250.10.2K

/ Refer to pages 100–115 for more accessories



Drilling accessories

32-

Water collecting ring incl. sealing

- / Self-suctioning
- / No installation required
- / Cooling water amount easily visible through transparent material
- / Minimises soiling at the drilling point



for Ø mm	Part no.
100	2WSR100D
150	2WSR150D
200	2WSR200D
250	2WSR250D
300	2WSR300D
350	2WSR350D

Sealing		for Ø mm	Part no.
/ Replacement sealing	and the second s	100	2WSR100DS
for water collection ring	and the second se	150	2WSR150DS
for water collection mig	A PERSON INC.	200	2WSR200DS
		250	2WSR250DS
		300	2WSR300DS
	and the second sec	350	2WSR350DS

pressurised water container

- / Solid design
- / 10 | container
- / 4 m hose length
- / With pressure gauge



/ Refer to pages 114–115 for the alternative, battery-powered product

Vacuum pump

- / 1.1 kW motor power
- / 200 l/min pump volume
- / 10 I safety tank for power outage
- / 85% vacuum
- / Including 5 m air hose
- / Only in combination with vacuum set for drill rig (page 101)





Part no. 1-BZB02WB

100



Vacuum set for drill rig

- / Accessories for the drill rig RC150 or RC250
- / Incl. sealing rubber
- / With compressed air quick connect
- / Fastening with hand lever on the drill rig



compatible with	Part no.
Drill rig RC150	6DWS131ZB04
Drill ria RC250	6DWS202ZB03

Vacuum plate	Dimensions LxW mm	Part no.
/ For damage-free fastening on	220 x 250	1-KB150ZB05
smooth surfaces	340 x 450	1-KB250ZB05
/ Drill rig is fixed on vacuum plate		

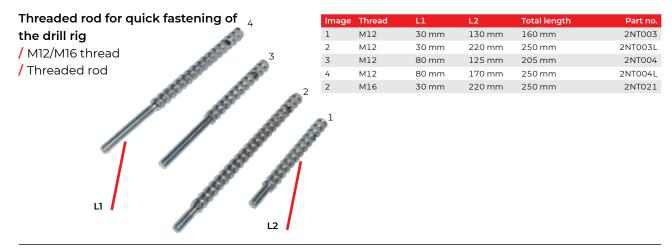
Dust extraction

speed range

- / Ideal for dry drilling
- / Very rugged design dual bearing
- / Jamming of the drill bit in the hole is
- reduced significantly / Shorter drilling times due to constant

Thread	Part no.
R 1⁄2"	1-KB-ZB50
UNC 11/4"	1-KB-ZB51

SDS plus hammer drill		Ømm	Pcs.	Part no.
/ Ø 16 mm		16	1	1-BZB16SDS4
/ Ø 20 mm		16	4	1-BZB16SDS4-VPE
		20	1	1-BZB20SDS4-VPE
/ Length 200 mm	EX			
/ Four-edged version	To Bar			



Quick fix kit

/ Consisting of threaded rod, washer and nut



Description	Part no.
Threaded rod M12/30 mm (total length 160 mm, part. no. 2NT003), union nut, washer	1-BZB21BS
Threaded rod, long M12/30 mm (total length 250 mm, part. no. 2NT003L), union nut, washer	1-BZB21BSL
Threaded rod M12/80 mm (total length 205 mm, part. no. 2NT004), union nut, washer	1-BZB22BS
Threaded rod, long M12/80 mm (total length 250 mm, part. no. 2NT004L), union nut, washer	1-BZB22BSL
Threaded rod M16/30 mm (total length 250 mm, part. no. 2NT021), union nut, washer	1-BZB23BS

Quick fix kit

/ Consisting of threaded rod & quick fastening nut

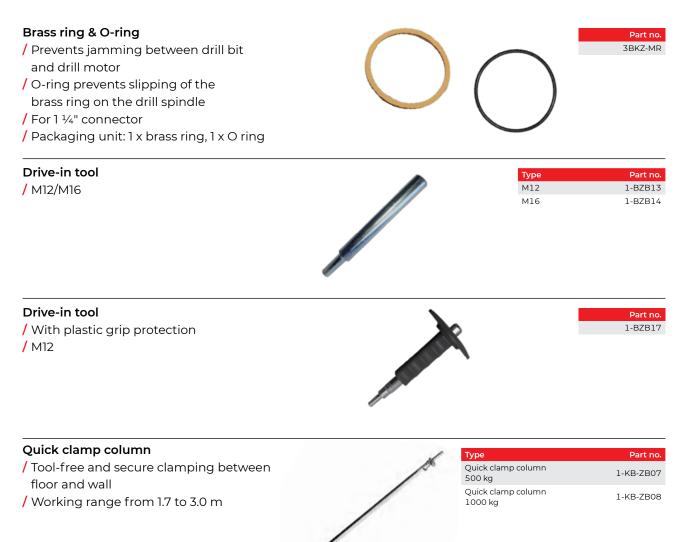


Quick fastening nut / Even fastening also on inclining dowels



Part no.
2NT056





Drill core catch

- / Device to catch the drill core when drilling in concrete ceilings
- / Usable up to Ø 350 mm
- / Max. drilling core length of 350 mm
- / Not suitable for brick ceilings or
- abrasive concrete



Part no.

5SBKF350

Drill bit extractor

/ 11/4" UNC





Core catch pliers	Ømm	Part no.	Ømm	Part no.
/ Ø 52 mm – Ø 350 mm	52	1-BZB-KF052	162	1-BZB-KF162
`````````````````````````````````````	62	1-BZB-KF062	200	1-BZB-KF200
	72	1-BZB-KF072	212	1-BZB-KF212
	82	1-BZB-KF082	250	1-BZB-KF250
	102	1-BZB-KF102	300	1-BZB-KF300
	107	1-BZB-KF107	350	1-BZB-KF350
	112	1-BZB-KF112		
	152	1-BZB-KF152		
	158	1-BZB-KF158		

Drill bit machine adapter

Image	Machine side	Drill bit side	Part no.
1	AG** 1 ¼" UNC	AG** R 1⁄2"	3BKZ-AD-01
2	IG*** R ½"	IG*** 1 1/4" UNC	3BKZ-AD-05
3	SPEZIAL DD-BI, 3/6 grooves	AG** 1 ¼" UNC + IG*** R ½"	3BKZ-AD-60
4	SPEZIAL DD-BU, multi-tooth	AG** 1 ¼" UNC + IG*** R ½"	3BKZ-AD-61
5	SPEZIAL BL/BS/BR	IG*** 1 ¼" UNC + AG** R ½"	3BKZ-AD-64
6	AG** 1 ¼" UNC	3 hole flange, 41SW*	31BKZ-FL-41SW
7	AG** 1 ¼" UNC	Bayonet flange, 50SW*	31BKZ-BJ-50SW
8	AG** 1 ¼" UNC	Bayonet flange, 41SW*	31BKZ-BJ-41SW

6

7.8



Drill extensions

/ Aluminium version available on request

Image	Working length	Connection	Part no.
1	100	UNC 1 ¼"	3BKZ-V1-100
1	200	UNC 1 ¼"	3BKZ-V1-200
1	300	UNC 1 ¼"	3BKZ-V1-300
1	400	UNC 1 ¼"	3BKZ-V1-400
1	500	UNC 1 ¼"	3BKZ-V1-500
2	100	R 1⁄2"	3BKZ-V2-100
2	200	R 1⁄2"	3BKZ-V2-200
2	300	R 1⁄2"	3BKZ-V2-300
2	400	R 1⁄2"	3BKZ-V2-400
2	500	R 1⁄2"	3BKZ-V2-500

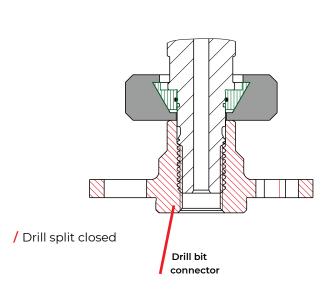


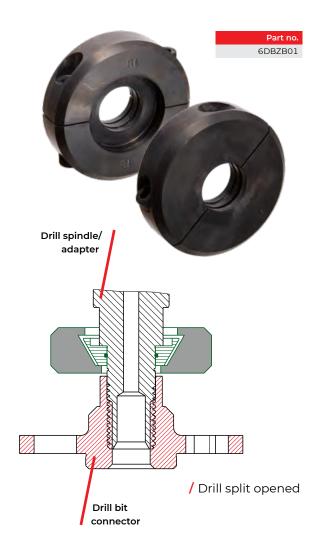


PQ6 Drill bit interlocking s	ystem	Image	Device connection	Drill bit connector	Part no.	
/ Simple, tool-free closing			PQ6	IG*** 1 ¼" UNC and AG** R ½"	4PQ65/4	
and opening of the interlock			PQ6	IG*** M41	4PQ6M41	
/ Saving human and machine power			AG** 1 ¼" UNC	PQ6	4PQ6MÜ	
	•					
/ Best force transmission vi						
/ No force transmission on						
/ Simple positioning of the	bit onto the spindle	for				
horizontal drillings					(mille	
/ Fewer/no vibrations			Drill motor with			
High rotation precision PQ6 holder					and the	
/ Short design			2			
/ Light-weight					2	
/ The following drill motor						
models are available						
		12		\backslash		
with PQ6 holder:	Drill bit		1	\rightarrow		
WEKA-DK32	/EKA-DK32 M41 connector			\backslash		
WEKA-DK1603						
	Drill bit				1	
/ *SW = spanner size	1¼" UNC conne	ctor		Drill spindle		
/ **AG = male thread			1 ¹ / ₄ " UNC			
/ ***IG = female thread						

Quick release ring / drill split

- / Up to a drill power of 7,500 W possible
- / Drill split fixed on drill spindle with O-ring
- / Very stable design
- / Can remain constantly on the drill motor
- / Releasing the drill bit within seconds
- / Secured with high-resistance screws 12.9
- / To be used with long drill spindles
- / Alternative, to be used with adapter M33 on 1 ¼" / part. no.: 2-DK30405L)





Adapter sleeve for quick release ring / drill split

- / Recommended in combination with drill split/ quick release ring
- / Adapter M33 to 1 1/4"
- / For too short drill spindles
- / Drill spindle will be extended or travel will be decreased by 80 mm





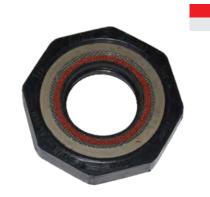


Part no. 2EBSLIDER

Core drilling accessories

Slider

- / Up to a motor power of 5,000 W
- / The slider will prevent jamming of the screw-connection for 1 ¼" drill bit connector
- / Safer than all other known accessories
- / Small constructional depth of only 10 mm provides for installation by simple sliding onto the drill spindle
- / Before assembling, make sure that no copper rings or similar are positioned at the contact surface of the drill spindle



- / The anti-friction element by WEKA
- / This quick release ring is positioned on the drill spindle and simplifies releasing the drill bit

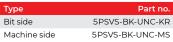
Type/suitable	Part no.
for DK32, SR25/35/38/68 (1 ¼" connector)	2-DKAE35
for SR25/35/38/68, SR65, SR75 (M33 connector)	2-DKAE60



Quick fastening system for drill bits

- / Bit adapter will normally always remain on the drill bit
- / Simple, tool-free connection
- / Force transmission with
 - 5 claw coupling











Hydraulic core drilling & accessories

Hydraulic unit HA150

- / Powerful hydraulic unit for drilling into the depth or for very large drill diameters
- / The hose pack, 2 x 10 m, is included in the scope of delivery.
- / Power 15 kW/280 bar



/ SPECIFICATIONS	HA150	
Power	15 kW	
E-motor	3000 U/min.	
Voltage	400 V	
Nominal current	32 A	
Oil delivery rate	33 l/m	
Pressure p max.	280 bar	
Oil tank capacity	10	
Hose pack length	10 m, 3 pcs.	
Length	550 mm	
Width	470 mm	
Height	780 mm	
Weight	86 kg	

Hydraulic hose pack extension HA150 (15 kW) / 10 m, 3 part, without bypass control

Part no. 1-HA-ZB01



Hydraulic drill spindle KB600 / 1¼" with flushing head without motor

Part no. 1-KB600ZB04





Hydraulic core drilling & accessories

Hydraulic drill motors HM032G–HM250 – stable drill motors for use in hydraulic drill systems.

- / The design complies with the standards for hydraulic systems
- / A convincingly large choice of drill motors: For each drill application, the correct speeds can be used
- / Shock valve is not included in the scope of delivery
- / Matching shock valve part no. 1-HM-ZB01



/ SPECIFICATIONS	HM032G*	HM050*	HM100*	HM160*	HM200*	HM250*
rpm	1,000	660	330	200	160	130
oil/m	33	33	33	33	33	33
unit	HA 150	HA 150	HA 150	HA 150	HA 150	HA 150
max. pressure	200 bar	200 bar	200 bar	200 bar	200 bar	200 bar
drill Ø	80–150 mm	100–160 mm	300–400 mm	800 mm	900-1,000 mm	1,000 mm
weight	7.5 kg	7.5 kg	9.5 kg	10.5 kg	10.5 kg	11.5 kg
part no.	1-HM032G	1-HM050	1-HM100	1-HM160	1-HM200	1-HM250

* Large version, for KB250 - KB600

Shock valve

/ Shock or pressure relieve valve

/ Valve limits the infeed pressure to 210 bar and thus protects the motor from pressure shocks

/ No overflow oil line required



Part no. 1-HM-ZB01

Drop-in anchor M12 / M12 with collar / M16

- / Perfectly suitable for fastening drill rigs,
- base plates, wall saws, etc.
- / Corrosion resistance on the outside
- / Suitable for interior and exterior use (not continuously)
- / Anchor only for concrete walls
- / Incl. drive-in tool and container (EURODIMA bucket)
- / Deeper insertion of anchor without collar possible e.g. for broken out drill hole
- / Drop-in anchor with collar prevents sliding deeper
- / Extraction values tested for normal concrete C20/25, uncracked

M16
B16SDN
0.00 mm
0.00 mm
5.00 mm
M16
5.00 mm
3.00 mm
12.6 kN
sed steel
10.5 kg
100 pcs.
ni

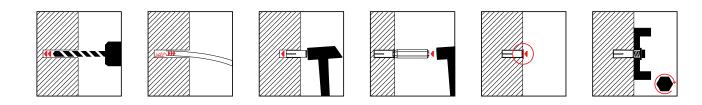


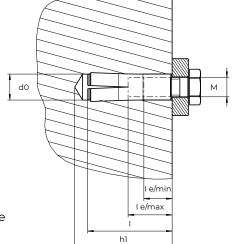




Installation instructions

- / Drill hole in concrete wall with the correct drill diameter
- / Clean or blow out the hole to remove remaining drill material
- / Insert drop-in anchor to the desired depth
- / Fasten with the drive-in tool
- / Fasten the desired product with a corresponding screw (observe the min./max screw-in depth)







Self-tapping concrete screw

- / Installation-friendly screw anchor, also for strongly worn drill bits
- / Optimised concrete thread with full thread versions for the highest strains
- / Can be set with the machine and is immediately loadable
- / Installation without cleaning the drill hole
- / Two insertion depths for more flexibility
- / Approved for concrete, fresh concrete, solid brick, solid sand-lime brick

Full thread Reduced bearing stress play for highest load and economical construction designs

Dimensions T x L mm	Clamping force mm	Part no.
12 x 100	25	1-BZB-SSD12X100VZ
12 x 120	45	1-BZB-SSD12X120VZ
12 x 140	65	1-BZB-SSD12X140VZ

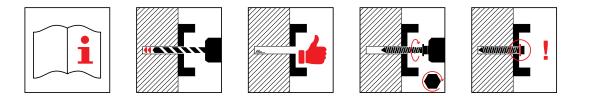
/ Further lengths available on request

With the test sleeve (part no. 1-BZB-SSD10), the screw can always be checked for re-usability after temporary use.



Installation instructions

- / Observe the installation information
- / Drilling / hammer drilling
- / Removal of drill dust is not necessary
- / Screw-in
- / Observe headrest



Hexagon head with pressed-on washer and head imprint

Ideal core/thread geometry enables easy screwing in and high load capacities

Toothed functional tip Reduces wear and allows for multiple uses when used temporarily

Water vacuum WVD1500 / WVD1500P*

Part no.: 6WVD1500 / part no.: 6WVD1500P

Rugged design for wet and dry vacuuming on construction sites.

- / 2,000 Watts suction capacity
- / 75 litre collection container
- / Undercarriage and suction pipes from rugged stainless steel
- / Continuous operation for model WVD1500P possible
- / Emptying the container with a drain hose



/ SPECIFICATIONS	WVD1500	WVD1500P*
Power	2,000 W	2,000 W
Nominal voltage	230 V	230 V
Tank	75	75
Weight incl. accessories	23 kg	26 kg
Dimensions W x D x H	64 cm x 53 x 97 cm	64 cm x 53 x 97 cm

/ *WVD1500P with integrated VA dirty water pump





Accessories Spare parts



Hand pipe from stainless steel, 3-part part no. 6WVDZB02



Water suction nozzle multi-flow, width 400 mm part no. 6WVDZB03



Sump pump for waste water with floating switch, 230V/50Hz, stainless steel part no. 6WVDZB09



Suction hose 3 m, cpl. part no. 6WVDZB10



Suction hose 5 m, cpl. part no. 6WVDZB14



Drain hose, cpl. part no. 6WVDZB12



Suction hose white, without coupling, 10 m only for WVD1500P part no. 6WVDZB11

Pressurised water container WB45E

Part no.: 6WB45E

For construction sites without water supply. Flexible work on the construction site, no water hose required! Pump will switch off automatically when the water valve is closed, giving it an extremely high battery capacity.

- / Rugged undercarriage
- / 30 m hose with quick connector
- / Incl. spray lance and charger

/ Solid tyres



/ SPECIFICATIONS

Nominal voltage Tank Weight Pump capacity Delivery height Battery Dimensions W x D x H

230 V 45 L 20.9 kg (incl. battery) ~ 5 litres/minute ~ 12 m 12 V 40 cm x 60 cm x 90 cm

Alternative product



Pressurised water container, cpl. part no. 1-BZB02WB



Accessories Spare parts



Charger part no. 6WB45EZB02-01 Nozzle set part no. 6WB45EZB18 Battery, 12V part no. 6WB45EZB01 Main switch part no. 6WB45EZB13





part no. 6WB45EZB30

Potentiometer part no. 6WB45EZB31

Control electronics 6WB45EZB42

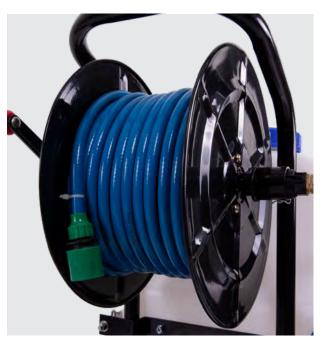
WB45E components & equipment



Control unit

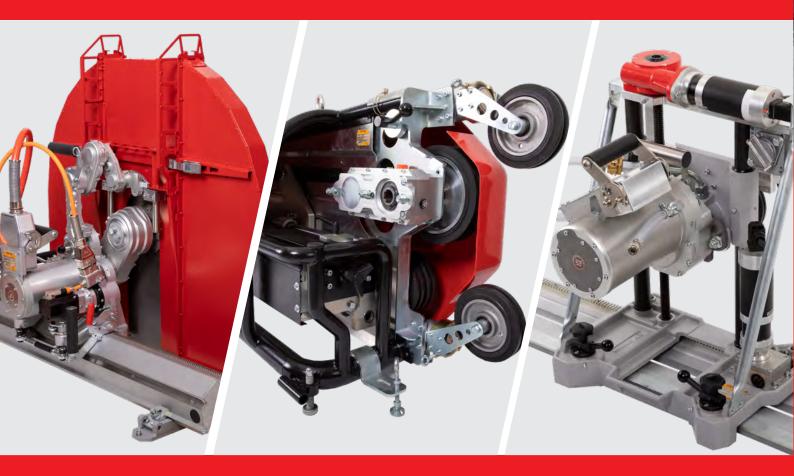
/ The pump switches off automatically when the water valve is closed

/ High battery capacity



Hose pack / 30 m hose incl. quick connector

ServoPower component overview for wall and wire saws



Modular drive concept or better said: one drive unit for all application areas.

Progress through innovation is our drive when developing new system solutions. To be able to fullfill all requirements in our day-to-day work without losing sight of cost efficiency, a high amount of flexibility is required.

Our two modular wall and wire saw drives give you all you need.

Especially the compatibility of the EURODIMA sawing systems with rail systems of third-party

manufacturers will give the user a high cost-benefit advantage.

A precise overview over both modular drive systems can be found under:

POWER CUBE

WM50 and WM90 + wire saw + other machines (see pages 118 - 119)

POWER UNIT

WS20 + wire saw - other machines (see pages 120 - 121)





EURODIMA

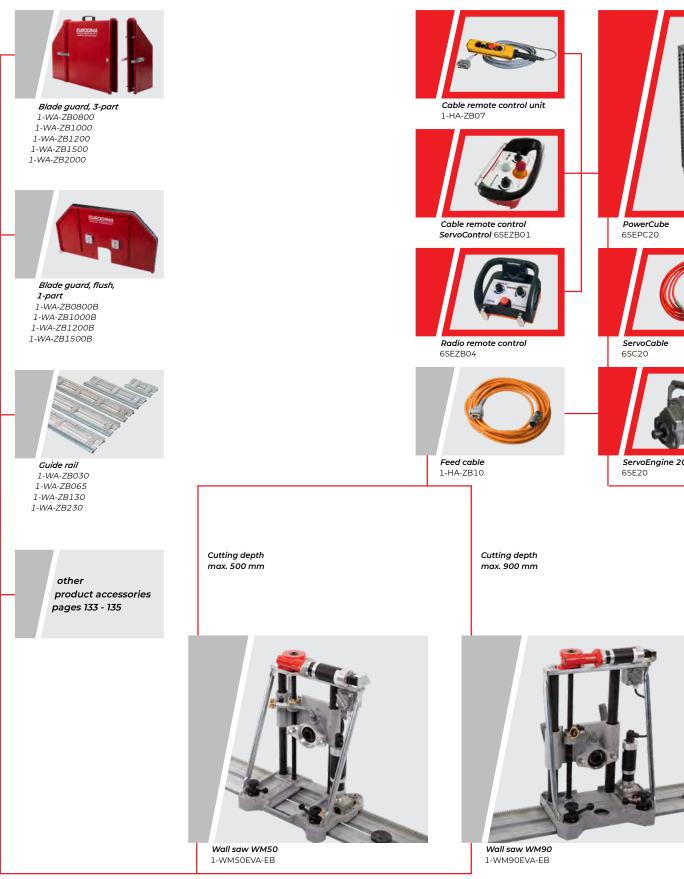
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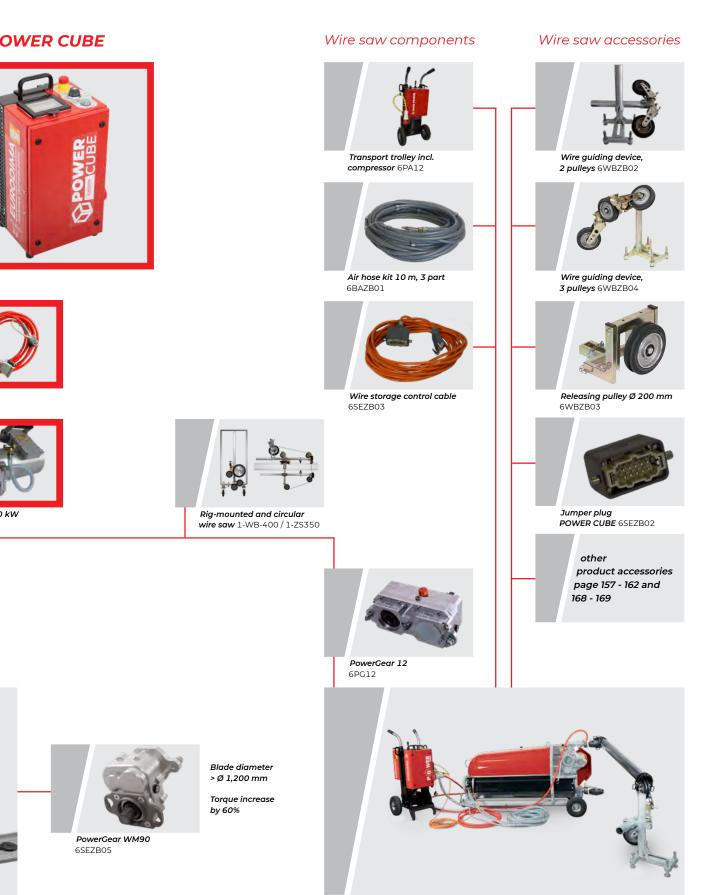
EURODIMA DIAMOND TECHNOLOGIES

Wall saw accessories



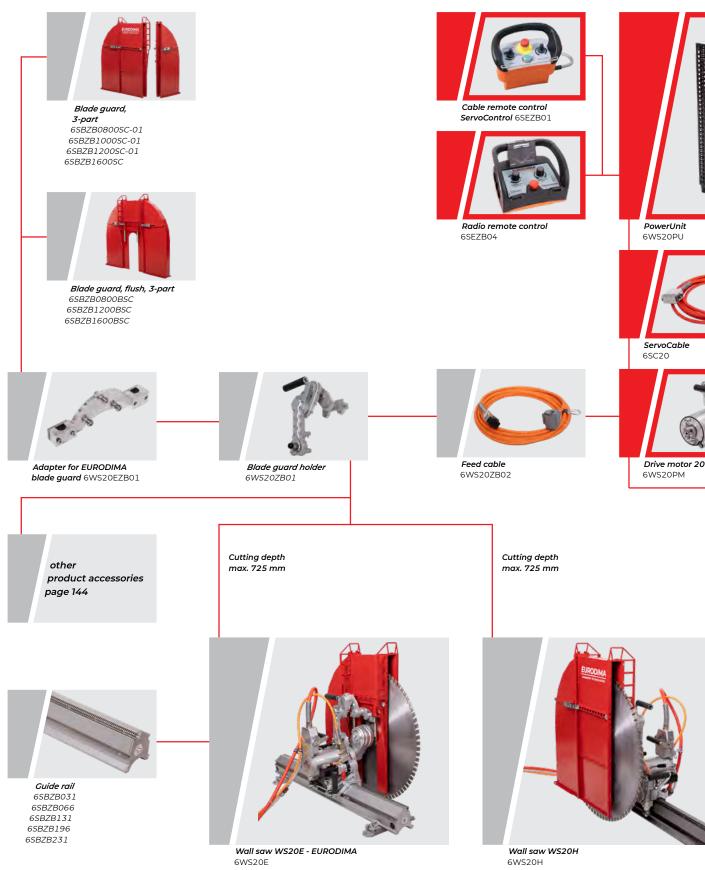




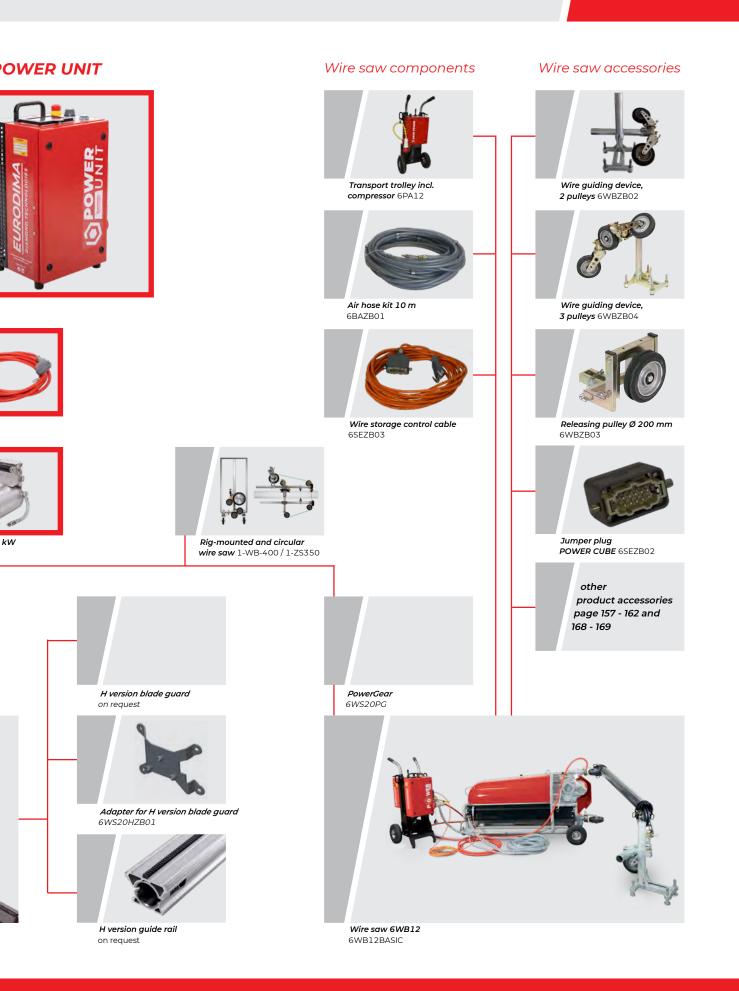


Wall saw accessories

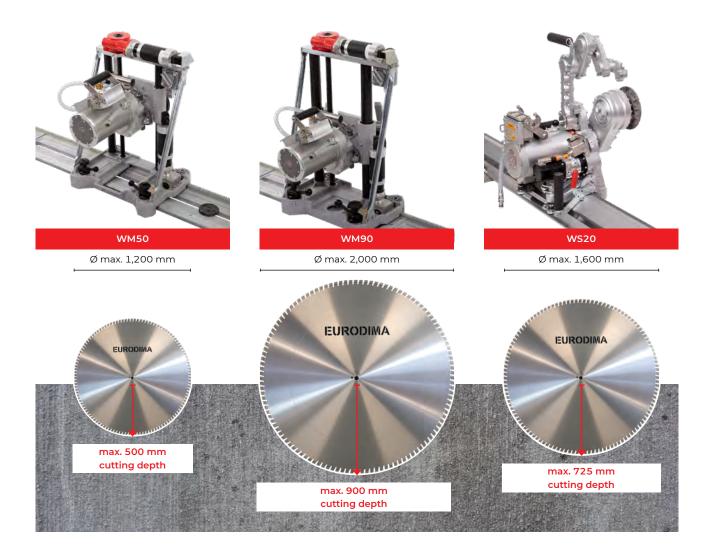
MODULAR DRIVE UNIT / P







Overview wall sawing models



SP	ECI	150	C A	T1/	JC
38		IF II	CА		10

/ WM50		/ WM90		/ WS20	
Width	450 mm	Width	470 mm	Width	420 mm
Depth	380 mm	Depth	380 mm	Depth	390 mm
					430 mm*
Height	650 mm**	Height	760 mm**	Height	510 mm**
Weight saw head	27.0 kg	Weight saw head	36.0 kg	Weight saw head	29.0 kg
Weight motor	21.0 kg	Weight motor	21.0 kg	Weight motor	13.0 kg
Power at the saw blade	20 kW	Power at the saw blade	20 kW	Power at the saw blade	20 kW
Nominal voltage	400 V	Nominal voltage	400 V	Nominal voltage	400 V
Current consumption	16 A/32 A	Current consumption	16 A/32 A	Current consumption	16 A/32 A
Type of protection	IP66	Type of protection	IP66	Type of protection	IP66
Free saw blade lift	Ø 825 mm	Free saw blade lift	Ø 1.000 mm	Free saw blade lift	Ø 825 mm
Feed	parallel	Feed	parallel	Feed	swivel
	lowering		lowering		arm

/ * at horizontal swivel arm / ** without blade protector





ServoPower Upgrade

With the ServoPower Upgrade, you can retrofit a hydraulically powered wall or wire saw to an electric drive. It combines more power and more torque with less weight than equivalent hydraulic systems.

- / Suitable for EURODIMA wall saw WM50 / WM90 and EURODIMA wire saw WB12
- / The upgrade pack includes a ServoEngine, PowerCube, ServoCable
- / 20 kW engine power
- / continuously controllable speed from 90–1,400 rpm.
- / PowerCube with smart software, simple menu navigation with touch display, continuously adjustable speed, air-cooled
- / ServoEngine in compact design with rugged connector housing and feedback system for optimum performance yield
- / ServoCable 10 m, for loss-free and powerful connection

/ Optional/accessories

/ ServoRemote Radio remote control for simultaneous control of feed and lowering, with interference protection and approx. 15 m range, incl. double charger, 2 batteries, abdominal belt and vehicle charging adapter Smart software with Power-Boost and auto start for jammed blades

> Only 16.5 kg weight

Very rugged connector housing

No recooling required

/ SPECIFICATIONS	ServoEngine	PowerCube	ServoCable
Length	360 mm	340 mm	10 m
Width	185 mm	240 mm	
Height	310 mm	550 mm	
Weight	21.3 kg	16.5 kg	7.8 kg
Power	20 kW	20 kW	
Nominal voltage	400 V	400 V	
Current consumption	32 A	32 A	
Type of protection	IP66	IP44	IP66

ServoCable	6SC20
Accessories	Part no.
250 h Service kit	6SESK1
Cable remote control	6SEZB01
Radio remote control	6SEZB04
USB converter for remote maintenance	6B079043

Kit consists of

ServoEngine

PowerCube

Part no

6SEPC20

6SE20



ServoPower Upgrade – Components in Detail



Drive motor ServoEngine
/ High torque with low weight
/ Interlockable with bayonet



Control unit PowerCube / Simple and user-friendly menu navigation with touch screen

/ Speed control with potentiometer



Control unit PowerCube / Air-cooled control box / Rugged and high-quality electronic components



Remote control

- / Rugged remote controls
- / Simultaneous control of feed and lowering possible

ServoPower wall saw WM50 / WM90

Developed for the harshest and most demanding applications with a cutting depth of up to 900 mm, the wall saw WM90 is suitable for carrying out large cutting jobs.

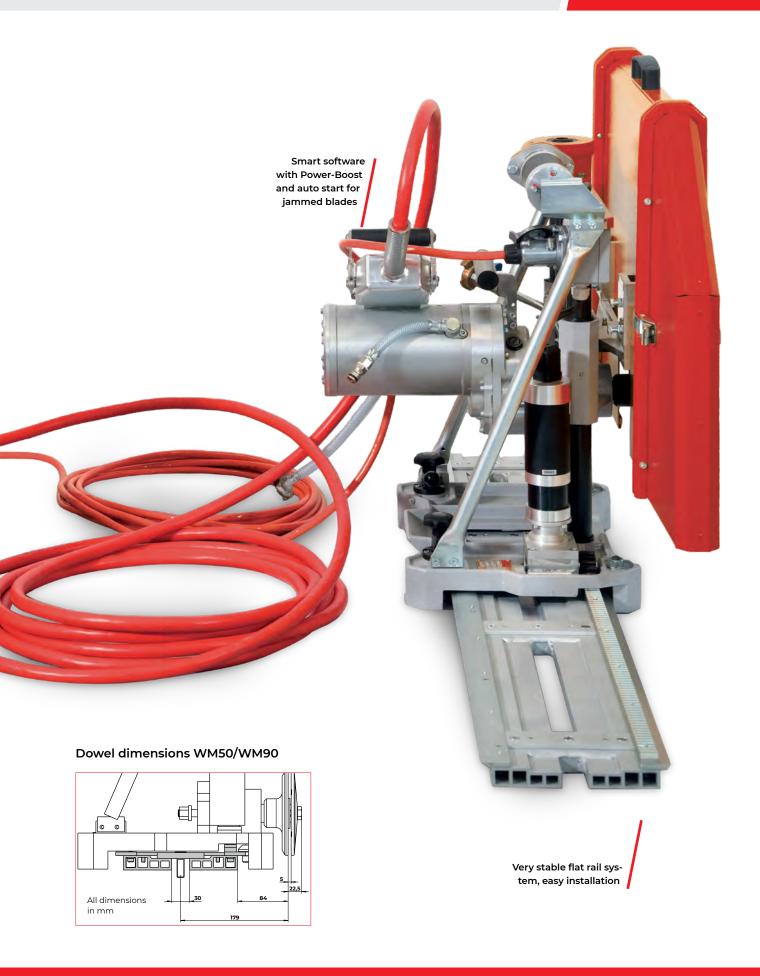
The pioneering drive concept enables a combination of extreme reliability and optimum performance with low maintenance required and reduced service costs. The easy to operate, precise remote control increases the operating comfort and safety at the workplace.

/ Innovative wall saw solution with new servo system

- / More torque and less weight
- / Rugged and compact design
- / Due to the low number of components and because they are well accessible, it is very easy to maintain
- / 3x quicker than traditional hydraulic systems
- / Flexible possibilities for use
- / Easy handling
- / Service interval of the drive unit required after 250 operating hours
- / Optionally available with radio remote control
- / Complete system solution with drive and sawing unit
 - WM50 for cuts up to a depth of 500 mm WM90 for cuts up to a depth of 900 mm (recommended with drive 6SEZB05)

/ SPECIFICATIONS	WM50	WM90
Output power at the saw blade	20 kW	20 kW
Max. speed at the saw blade	1,140 rpm	1,140 rpm
Max. Saw blade diameter	1,200 mm	2,000 mm
Max. cutting depth	500 mm	900 mm
Velocity - feed lowering	0 - 1 m/min	0 - 1 m/min
Velocity - longitudinal feed	0 - 4 m/min	0 - 4 m/min
Weight wall saw motor	21 kg	21 kg
Weight saw head without motor	27 kg	36 kg
Saw blade bore	50 mm - other	on request
Saw blade flange for flush cut	TK 110 - 6xM8	
Machine depth	380 mm	380 mm
Machine width	450 mm	470 mm
Machine height (without blade guard)	650 mm	760 mm





WM50 Components in detail



WM50 Saw head

/ Easy technology and very rugged design/ Feed and insertion motor with 24 V technology

/ Well protected plug for feed cable



WM50 Saw head with motor / Quick motor installation with bayonet connector

/ One water circuit for motor cooling and saw blade



Roller guide

- / Rail interlock with two hand levers
- / Very rugged base plate
- / Lubrication of friction bearings via grease nipples



Flange and main bearing

- / Main bearing easily accessible from the blade flange
- / Stable blade guard holder



WM90 Components in detail



WM90 Saw head/ Technology and design like WM50/ With reinforced base plate for high loads



WM90 Saw head / Main bearing easily accessible from the blade flange

/ Stable blade guard holder



WM90 Saw head with motor / Usable for wall saw blades with Ø 2000 mm



WM90 Saw head with PowerGear drive / Specifically suitable for wall saw blades bigger

- than 1,200 mm
- / 60% more torque



Use for uneven surfaces also possible without spacer, e.g. tunnel

SPECIFICATIONS 1-WA-ZB030 1-WA-ZB065 1-WA-ZB130 1-WA-Z
Length 0.30 m 0.65 m 1.30 m 2.30 m
Weight 2.5 kg 5.5 kg 11.0 kg 19.0 kg

Spare parts for Guide rail type	Toothed rack	Guide bar 1	Guide bar 2
0.30 m	2WASCHZUB0300	2WASCHZUB0302	2WASCHZUB2301
0.65 m	2WASCHZUB0652	2WASCHZUB0651	2WASCHZUB0650
1.30 m	2WASCHZUB1302	2WASCHZUB1301	2WASCHZUB1300
2.30 m	2WASCHZUB2302	2WASCHZUB2301	2WASCHZUB2300

Accessories



Fish plate part no. 1-WA-ZB011



Guide rail stop part no. 1-WA-ZB01



Rail fastening bracket part no. 1-WA-ZB10



Angle bracket part no. 1-WA-ZB12



Fish plate part no. 1-WA-ZB012

/ Refer to pages 110–111 and page 133 for concrete screws, washers, drop-in anchors & more accessories



PowerGear for WM90

Part no.: 6SEZB05

Recommended for difficult applications with blade diameters exceeding 1,200 mm, when using the PowerGear, increase of the torque by 60%

- / Reduction ratio 1.6:1
- / Specifically suitable for wall saw blades bigger than 1,200 mm
- / Max. 712 rpm at the blade drive shaft
- / High-quality, milled aluminium housing
- / Extremely rugged
- / Very low in maintenance
- / Depth of the entire drive unit is increased by 12.5 cm
- / Increase of the torque by 60%
- / Attention: only in use with WM90



Ø saw blade mm	Display	Blade speed = 43 m/s
1,200	1,140 rpm	684 rpm
1,400	977 rpm	587 rpm
1,500	912 rpm	548 rpm
1,600	856 rpm	514 rpm
1,800	761 rpm	457 rpm
2,000	683 rpm	410 rpm

/ SPECIFICATIONS

Weight Dimensions W x D x H Reduction ratio 10.0 kg 22 cm x 20 cm x 19 cm 1.6 : 1





Basic package WM50 / WM90

Wall saw machine WM50 or WM90

/ Rugged and compact design

/ Easy handling



Drive motor ServoEngine

- / Powerful 20 kW motor
- / High torque with low weight
- / Long life service interval after 250 operating hours

/ Simple and user-friendly menu navigation with



Motor cable ServoCable

Control unit PowerCube

/ Air-cooled control box

touch screen

/ Cable length 10 m / Very solid design / Weight only 7.8 kg / Incl. strain relief and protection cap



Part no. 6SC20

Part no.

6SEZB01

Part no

6SE20

Cable remote control ServoControl / Simultaneous control of feed and swivelling possible / Cable length 10 m / Incl. Abdominal belt



Feed cable

/ Cable length 10 m / Very solid design



Accessories WM50 / WM90

Blade guard		Blade guard Ø mm	Part no.
/ Light-weight and very stable	EURODIMA	800	1-WA-ZB0800
/ 3-part with quick release fastener		1,000	1-WA-ZB1000
		1,200	1-WA-ZB1200
	a 🖉 🛹 🚛 200	1,500	1-WA-ZB1500
		2,000	1-WA-ZB2000
 Blade guard, flush			
-		Blade guard Ø mm	Part no.
/ Light-weight despite high stiffness	EURODIMA	800	1-WA-ZB0800B
/ 1-part version	A MANUAL AND AND A MANUAL AND	1,000	1-WA-ZB1000B
		1,200	1-WA-ZB1200B
		1,500	1-WA-ZB1500B
Guide rail		Length m	Part no.
/ Lightweight and rugged design		0.3	1-WA-ZB030
		0.65	1-WA-ZB065
		1.3	1-WA-ZB130
	Contraction of the second seco	2.3	1-WA-ZB230
Fish plate for guide rail / At least two pieces per rail fastener require / For the 2.3 m rail, the use of three is recommended / Scope of delivery 1 pcs.	ed		Part no. 1-WA-ZB011
Fish plate for guide rail / For a quick installation / Produced from high-strength material	0	-	Part no. 1-WA-ZB012
Rail fastening bracket / Lateral adjustment			Part no. 1-WA-ZB10

/ Alternatively possible for very

uneven walls

Accessories WM50 / WM90

Bevel adjustment support

/ Continuous adjustment form 0° to 45°



Part no. 1-WA-ZB12

Guide rail stop/ Scope of delivery 2 pcs/ To be used on each end of the rail/ Prevents running over the rail end



/ Incl. abdominal belt and 2 batteries



Part no. 6SEZB04

Part no

1-WA-ZB01



PowerGear for WM90/ Increase of the torque by 60%/ Suitable for saw blade diameters up to 2,000 mm



Part no. 6SEZB05

Water distribution screw
/ To be used for flush cut



Type Wall saw WM50 Wall saw WM90 Part no. 1-WM50ZB01 1-WM90ZB01

Flush screw M8 x 16 / Scope of delivery 1 pc / To be used for flush cut



Part no. 2NTS7991M8x16VZ10.9

Service kits for WM50/WM90

Machine type	Component	Part no.
WM50	Main bearing set	2WSBG0001WM50
WM50	Guide roller set	2WSBG0002WM50
WM90	Main bearing set	2WSBG0001WM90
WM90	Guide roller set	2WSBG0002WM90
WM50/WM90	Repair kit lowering drive	2WSBGAB001
WM50/WM90	Repair kit feed drive	2WSBGVS001
WM50/WM90	Drive motor service kit 250 hours	6SESK1

ServoPower wall saw WS20E / WS20H

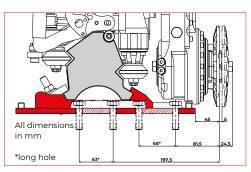
The new wall saw delights users with maximum performance and low weight. A long tool life and the worldwide longest service interval for wall saws will also make this a very economical choice. Structurally identical feed and swivel motors, equipped with a wear-free electromagnetic brake, also contribute to the cost effectiveness.

The wall saw WS20 is available on two rail systems, as WS20E for the EURODIMA rail system and as WS20H for the rail system of the H version.

- / Wall saw head: only 29 kg
- / Motor with 20 kW ServoPower, convenient 12 kg and water-cooling no additional after cooling necessary
- / Tool-free motor interlock with hand lever
- / Power transmission from the motor with a dampened claw coupling wear free
- / Autonomous cooling water drain from motor and saw avoiding frost damage
- / Wear-free, electromagnetic brake
- / Tool-free quick release fastener for blade guard
- / Long life service interval after 250 operating hours
- / Feed and swivel motor are structurally identical easy to be exchanged
- / Feed and swivel motor are protected with a friction clutch from overload
- / Simultaneous control of feed and swivelling possible
- / Improved roller system due to axial and radial bearings
- / Flush flange can be assembled and disassembled from the motor side radial blade flange holder
- / Free saw blade lift of Ø 825 mm
- / Blade diameter up to Ø 1,600 mm, therefore a max. cutting depth of 725 mm
- / Standard equipped with radio remote control
- / Air-cooled control box
- / For the E & H versions, no additional flush flange is required
- / Hardened roller guide
- / Operation with 16 A also possible
- / Automatic control of the feed and lowering speed

LongLife service interval after 250 operating hours

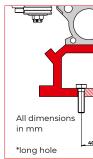
Dowel dimension WS20E



Dowel dimens

в

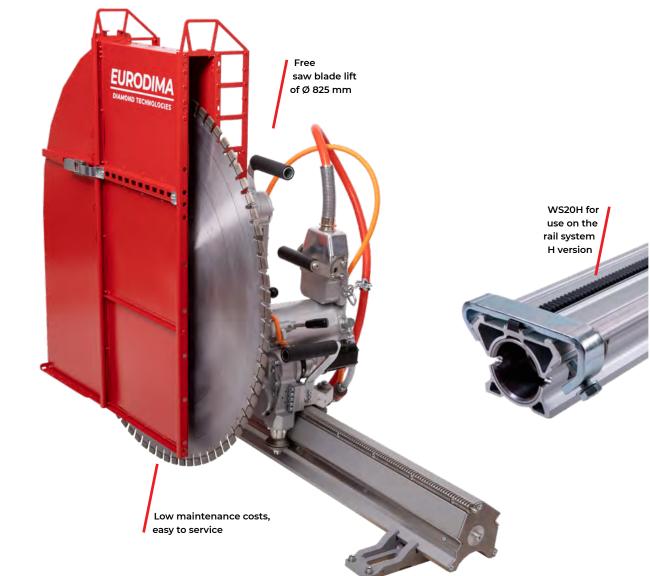
up



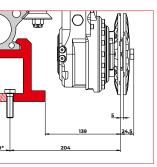








ion WS20H



/ SPECIFICATIONS	WS20E / W	/S20H	
Output power at the saw blade	20 kW		
Max. speed at the saw blade	1,140 rpm		
Max. blade diameter	1,600 mm		
Max. cutting depth	725 mm		
Feed and swivel force	300 kg		
Lowering – longitudinal feed	0–3 m/min	I	
Max. speed of the swivel arm	0–2 rpm		
Weight – wall saw motor	12.0 kg		
Weight – saw head without motor	29 kg		
Saw blade bore	60 mm - 0	ther on request	
Saw blade flange for flush cut	WS20E	TK 110 - 6 x M8	TK 130 - 6 x M8
	WS20H	TK 110 - 6 x M10	TK 130 - 6 x M8
Machine dept	424.5 mm		
Machine width for horizontal swivel arm	430 mm		
Machine width	380 mm		

WS20E / WS20H Components in detail



Saw head

- / Flush flange can be assembled and disassembled from the motor side
- / Free saw blade lift of Ø 825 mm



Saw head/ Easy interlock with a hand lever/ Improved roller system due to axial and radial bearings



Saw head

- / Feed and swivelling motor are structurally identical
- / Roller guide can be adjusted quick and easily without special tools



Blade guard holder / Easy assembly and disassembly

- / Maintenance-free kinematics





Blade guard holder / Tool-free interlock of the blade guard / Very compact design



Power Unit

- / Powerful control unit with touch screen
- / Air-cooled
- / Long life service interval after 250 operating hours



Motor

- / No after cooling necessary
- / Automatic cooling water drain
- / Power transmission with dampened claw coupling



Radio remote control ServoControl

- / Simultaneous control of feed and swivelling possible
- / Standard equipped with radio remote control
- / Incl. Abdominal belt

Guide rail WS20E

/ Quick and easy installation possible / Also suitable for uneven surfaces with rail fastening brackets / Lightweight and extremely rugged design / The rail form is dimensionally stable and safe against torsion / Very low in maintenance / Toothed rack and guide rods exchangeable Very flexible / Rail system is compatible with the old EURODIMA SB321 wall saw adjustment option / Smallest possible dowel distance to the cut only 81.5 mm with long holes at the rail fastening bracket ДØ Î O Guide rail*

/ SPECIFICATIONS	6SBZB031	6SBZB066	6SBZB131	6SBZB196	6SBZB231
Length	0.30 m	0.65 m	1.30 m	1.96 m	2.30 m
Weight	3.1 kg	6.8 kg	13.7 kg	19.8 kg	24.3 kg

Spare parts for Guide rail type	Toothed rack	Guide rail*
0.30 m	6B100557	6B320336-2
0.65 m	6B100553	6B320337-2
1.30 m	6B100437	6B320338-2
1.96 m	6B100901	6B320339-2
2.30 m	6B100550	6B320340-2

Accessories Spare parts



Rail fastening bracket part no. 6SBZB09



Guide rail stop part no. 6WS20EZB02 / * 2 rail fastening brackets per guide rail / Refer to pages 110–111 for concrete screws, drop-in anchors & more accessories



Radio remote control

Part no.: 6SEZB04

- / High protection against interference
- / Modern design, nonslip handle
- / Frequency management against HF interference
- / Innovative control
- / Simultaneous feed and lowering possible
- / Range approx. 15 m, more depending on the environmental conditions
- / Receiver installed directly in the PowerCube or the PowerUnit, i.e. there are no additional installations required and optimum protection is guaranteed

Innovative control simultaneous feed and lowering possible!



SCOPE OF DELIVERY

 sender, 1 receiver, 1 double charger,
 batteries, operating instructions, abdominal belt, vehicle charging adapter

/ SPECIFICATIONS	SENDER
Type of production	IP65/NEMA4
Pressure	
compensating valve	Goretex Film
Frequency band	Multiband (400-930 MHz)
Operating time battery	16 hours
Temperature range	-20°C +70°C (-4F + 158F)
Weight with battery	950 g
SPECIFICATIONS	RECEIVER
Temperature range:	-20°C +70°C (-4F + 158F)

Temperature range: Weight with battery: Dimensions: -20°C +70°C (-4F + 158F) 300 g 117 mm x 133 mm x 36 mm Integrated radio sending module



Basic package WS20E

Wall saw head EURODIMA

- / Lightweight saw head with 29 kg
- / Long life service interval after 250 operating hours
- / Feed and swivelling motor are structurally identical - easy exchange
- / Feed and swivel motor are protected from overload with a friction clutch
- / Wear-free, electromagnetic brake



Blade guard holder

- / Tool-free quick release fastener for blade guard
- / Automatic interlocking for synchronous swivel arm
- / Easy assembly in seconds

Drive motor

- / 20 kW servo motor
- / Power transmission from the motor with a
- dampened claw coupling wear-free / Tool-free motor interlock with hand lever
- / Tool-free motor interlock with hand
- / Automatic cooling water drain
- / Long life service interval after 250 operating hours





6WS20PM

Part no. 6WS20ZB01

Part no. 6WS20E

Control unit PowerUnit

/ Air-cooled control box

/ Simple and user-friendly menu navigation with touch screen









Accessories for WS20E

Cable remote control

- / Simultaneous control of feed and swivelling possible / Cable length 10 m
- / Incl. Abdominal belt



Blade guard		Blade guard Ø mm	Part no.
/ Light-weight and very stable	EURODIMA	800	6SBZB0800SC-01
/ 3-part with quick release fastener		1000	6SBZB1000SC-01
		1200	6SBZB1200SC-01
		1600	6SBZB1600SC

Flush blade guard

/ Light-weight despite high stiffness / Available in 1-part or 3-part versions



Blade guard Ø mm	Part no.
800, 1-part	6SBZB0800B
1200, 1-part	6SBZB1200B
1600, 1-part	6SBZB1600B
800, 3-part	6SBZB0800BSC
1200, 3-part	6SBZB1200BSC

Guide rail

- / Rugged and lightweight design in prism form
- / Toothed rack and guide rod made from stainless steel



Rail fastening bracket

- / Stable fastening block
- / 2 pcs. required per rail





Bevel adjustment support / Continuous adjustment form 0° to 45°







Basic package WS20H

Wall saw head H – for the alternative guide rail

- / Lightweight saw head with 29 kg / Long life service interval after
- 250 operating hours
- / Feed and swivelling motor are structurally identical – easy exchange
- / Feed and swivel motor are protected from overload with a friction clutch
- / Wear-free, electromagnetic brake





Blade guard holder

- / Tool-free quick release fastener for blade guard
- / Automatic interlocking for synchronous swivel arm
- / Easy assembly in seconds





Drive motor

- 20 kW servo motor
- / Power transmission from the motor with a dampened claw coupling wear-free
- / Tool-free motor interlock with
- hand lever
- / Automatic cooling water drain
- / Long life service interval after
- 250 operating hours





Control unit PowerUnit

/ Air-cooled control box
 / Simple and user-friendly menu navigation with touch screen





Basic package WS20H

Feed cable

/ Length 10 m / Very solid design / Incl. strain relief and protection cap



Part no. 6WS20ZB02

Part no

6SC20

Motor cable ServoCable

/ Length 10 m

- / Very solid design
- / Weight only 7.8 kg
- / Incl. strain relief and protection cap



/ Simultaneous control of feed and swivelling possible

/ Incl. abdominal belt and 2 batteries



Part no. 6SEZB04

Adapter for H blade guard

/ Blade guard centring with three bolts/ Quick and easy installation

Part no. 6WS20HZB01





Accessories for WS20H

Cable remote control

- / Simultaneous control of feed and swivelling possible/ Cable length 10 m
- / Incl. Abdominal belt



Part no. 6SEZB01

Part

6SBZB0800SC-01

6SBZB1000SC-01

6SBZB1200SC-01

6SBZB1600SC

/ Light-weight and very stable/ 3-part with quick release fastener



/ Light-weight despite high stiffness / Available in 1-part or 3-part versions



Blade guard Ø mm	Part no.
800, 1-part	6SBZB0800B
1200, 1-part	6SBZB1200B
1600, 1-part	6SBZB1600B
800, 3-part	6SBZB0800BSC
1200, 3-part	6SBZB1200BSC

Blade guard Ø mm

800

1200

1000

1600

Adapter for EURODIMA blade guard / Lightweight aluminium adapter

/ Blade guard centring with three bolts



Part no. 6WS20EZB01

Rails, rail stop and rail fastening bracket, etc. / Available on request





Further accessories for WS20E / WS20H

Water-repellent grease

/ Special grease lubricating cartridge 400 g



Service kits for WS20E / WS20H

Machine type	Components/Contents	Part no.
WS20E/WS20H	Wire harness feed motor	6WS20SK3
WS20E	250 hour service kit	6WS20ESK1
WS20H	250 hour service kit	6WS20HSK1
WS20E/WS20H	250 hour service kit motor	6WS20PMSK1
WS20E	Guide roller set	6WS20ESK2
WS20H	Guide roller set	6WS20HSK2
WS20E	Flange	6B007135
WS20H	Flange	6B008135
WS20E/WS20H	Flange cover	6B007145



Wire saws



ServoPower wire saw

For more than 20 years, our wire saw has been inspiring our customers with its high quality and reliability. Thanks to its unique and patent-protected electric-pneumatic system, functionality and safety are significantly higher than for similar products, while the wear is reduced. Easy operation of the wire storage enables quick use and is therefore very efficient.

The rugged and high-torque wire saw machine offers the additional option of using the drive as a wall saw too. Benefit from our flexible, modular system.

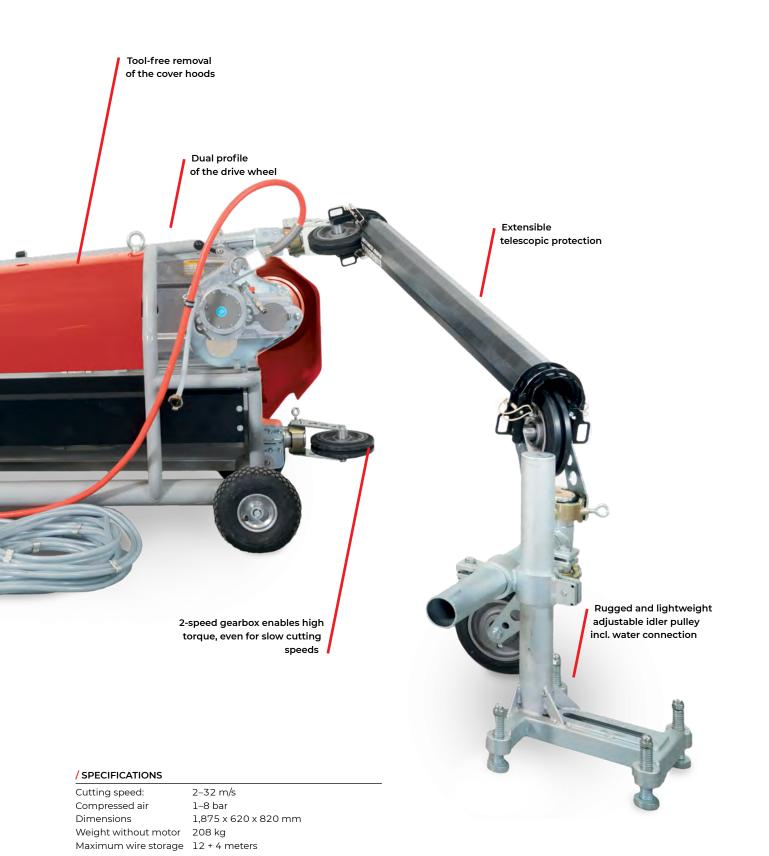


system preserves the diamond wire

/ Wire saw system solution with EURODIMA servo system

- / Modular servo drive system, can be used for wire and wall saw
- / Lightweight and compact control unit
- / 2-speed gearbox for different wire saw applications
- / Rugged and high-torque drive
- / Flexible and user-friendly system solution
- / Quickly disassembled for easy transport
- / No extension over the entire machine length, even if the wire storage is full
- / Pulling side of the machine: lower swivel pulley





Wire saw components in detail



Transport wheel / Tool-free removal of the transport wheels



Crane hook / For easy transport in higher storeys



Swivel pulley / Tool-free adjustment of the swivel pulley by hand possible



Drive unit / Servo motor at the 2-speed gearbox

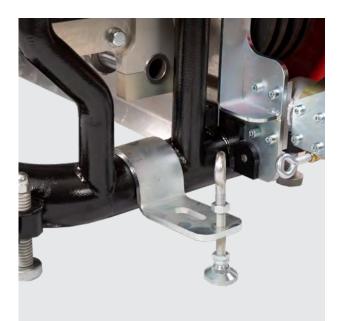




Transport handles/ Foldaway transport handles for easy transport on the construction site



End switch for wire storage/ When the wire storage is full, the system is deactivated automatically (auto stop)



Support lock

/ An easy support lock guarantees risk-free work and avoids slipping of the sawing unit



Roller guide wire storage/ The rollers can be exchanged quickly and easily/ Incl. protection bracket against wire loss

Wire saw components in detail



Functionality of the start-up aid

/ Tension the wire pneumatically

- / Position stop approx. 2–3 mm in front of the guide carriage and fasten with the hand lever
- / Release wire (control lever on centre position) guide carriage should touch the stop
- / Start the wire saw and tension the wire after 1–2 seconds with the pneumatic controller

Disassembly

/ Assembly and disassembly of the individual components possible in less than 10 minutes

/ Heaviest component approx. 70 kg





Pneumatic unit

Application benefits

- / Maintenance-free pneumatic cylinder
- / Optimised belt deflection system
- / No extension over the total dimensions of the machine
- / Low maintenance
- / Low wear due to constant pressure
- / Tool-free removal of the entire pneumatic unit possible in a few minutes









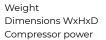
Control for the pneumatic unit

Part no.: 6PA12

Transport trolley incl. compressor

- / Tool-free adjustable transport handles
- / Automatic switch-off when reaching the set pressure
- / With pressure gauge display
- / Motor protection switch
- / Can also be transported by crane
- / Large and rugged transport wheels
- / PowerCube/PowerUnit not included in the scope of delivery





/ SPECIFICATIONS

48 kg 49 x 51 x 110 cm 1–8 bar



Modular drive system

- / PowerCube/PowerUnit can be used for wall and wire saw applications
- / Tool-free fastening for quick installation and removal



Control & drive unit / Compact unit on a transport carriage

/ Feed and wire velocities easily adjusted



Wire guiding device, 2 pulleys

Part no.: 6WBZB02

- / The 2 pulley version benefits from a low weight and perfect wire guide
- / Very stable dowel base with level screws
- / Tool-free adjustment by hand possible
- / Bayonet connector for wire cooling and for reducing wear
- / Versatile application for the often complicated wire guide
- / Pulleys can be swivelled by 360°



Accessories Spare parts



Swivel pulley, 2-pulleys, cpl. part no. 2S12-ZB02

Hollow axle protection (wood) part no. 2S12-07-160



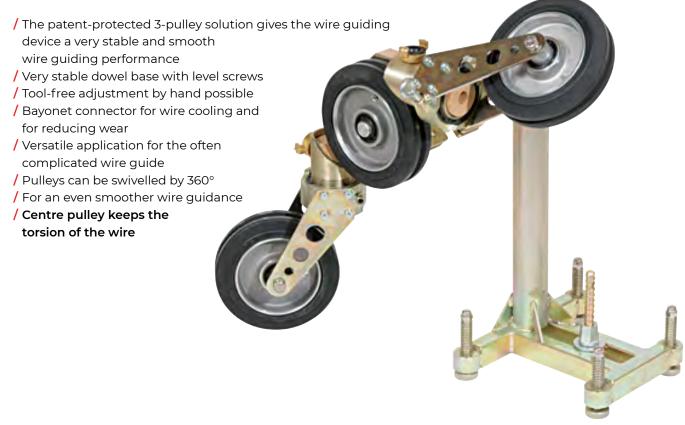
Rotor (Ø 200 mm) part no. 2S12-07-049



Rotor, cpl. incl. axle, bearing, shaft sealing ring part no. 2S12-30

Wire guiding device, 3 pulleys

Part no.: 6WBZB04



Accessories Spare parts



Swivel pulley, 3-pulleys, cpl. part no. 2S12-ZB04

Hollow axle protection (wood) part no. 2512-07-161



Rotor (Ø 200 mm) part no. 2S12-07-049



Rotor, cpl. incl. axle, bearing, shaft sealing ring part no. 2S12-30

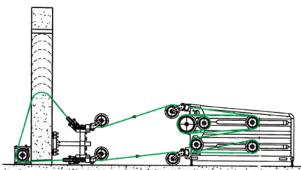


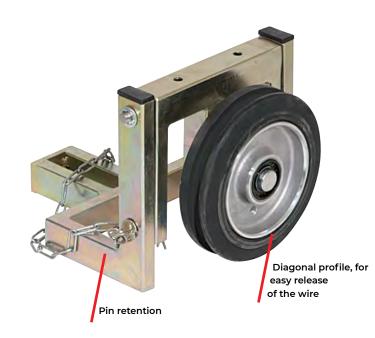
Release roller

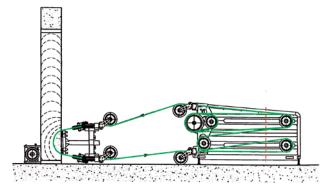
Part no.: 6WBZB03

Ø 200 mm roller

- / Manageable cutting edge reduction
- / Release during operation possible
- (with pin retention)







/ SPECIFICATIONS

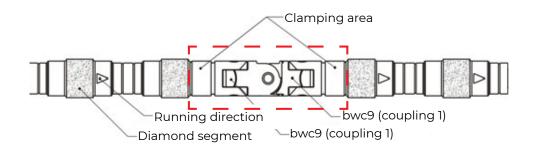
Dimensions Weight 25 cm x 25 cm x 35 cm 6.0 kg

Wire Connector -Quick connector

Part no.: 6BWC9

- / Tool-free opening and closing of the wire connector
- / Can be rotated freely in all directions, full gimbal / Compact design over 45 mm, 3-fold bearing
- / Compact design over 45 mm, 3-101d be
- / No running direction
- / Tensile force up to 400 kg, wear-free
- / Diameter 9 mm
- / Saving a lot of time for many small cuts, entirely without wire length loss
- / Connect with clamping jaws 8 mm







Remove residues from the substrate wire



Make sure that the position of the clamping jaws is correct (see red arrows in the image)



Connect with clamping jaws 8 mm



Accessories Spare parts



Battery-powered 11 t hydraulic crimping tool part no. 6DSZQZ03AKKU



Wire crimp 8 mm part no. 6DSZQV01



Battery-powered 11 t hydraulic crimping tool

Part no.: 6DSZQZ03AKKU

Battery-powered hydraulic crimping tool for connecting the diamond saw wire with our patentprotected wire quick connector or wire crimp.

- / Low-effort crimping due to battery
- / 11 t pressing force
- / Pressing procedure stops automatically when the is reached - jaws can be separated easily with one thumb only!
- / Emergency release button to release the clamping jaws before the maximum pressing force is reached
- / Quick exchange of the pressing jaws with quick release fastener
- / 1 lithium-ion battery, 18 V
- / Battery capacity: 2 operating hours
- / Loading duration (90%): approx. 40 minutes
- / Convenient stable plastic box included in the scope of delivery
- / One-hand operation
- / Modular battery system for other devices, e.g. drill hammer, impact screwdriver, etc.
- / Clamping jaws 7 mm for wire crimp 8 mm
- / Clamping jaws 8 mm for wire connector

SPECIFICATIONS

Dimensions, without jaws 336 x 143 x 76 mm Total weight Pressing force max.

2.5 kg (battery weight approx. 400 g) 11 t

/SCOPE OF DELIVERY

1 x crimping tool, 1 x 18 V lithium-ion battery, charger (also for vehicle connection, 1 x clamping jaw 7 mm, 1 x clamping jaw 8 mm, operating instructions

Accessories Spare parts



Wire Connector part no. 6BWC9



Wire crimp 8 mm part no. 6DSZQV01



Clamping jaws 7 mm part no. 6DSZQZ03ZB01 Clamping jaws 8 mm part no. 6DSZQZ03ZB02



Charger part no. 6DSZQZ03ZB03



Batterv part no. 6DSZQZ03ZB04



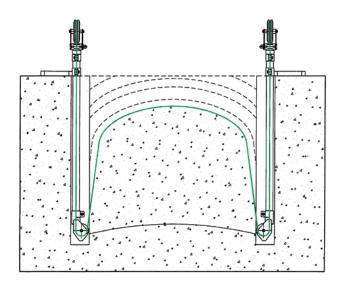
Plunge wire saw device

Part no.: 6WBZB05

- / Required drill diameter: 160–165 mm
- / Active tooling length: 1.2 m
- / Special lengths on request
- / Note: For plunge sawing, this
- article is required twice

/ Intermediate pipe available in every desired length on request

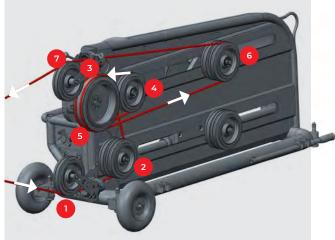






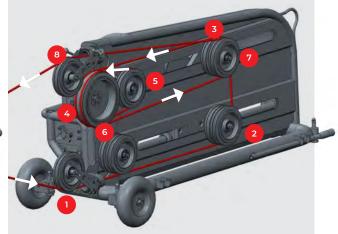


Configuration

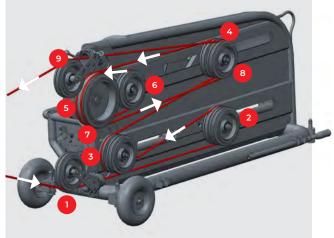


Single configuration

/ approx. 1.5 bar, the exact pressure setting depends on the applicable conditions when cutting

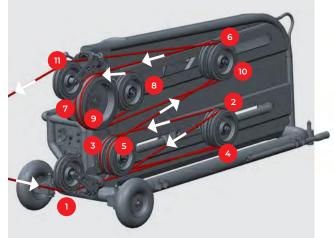


Double configuration / approx. 3.0 bar, the exact pressure setting depends on the applicable conditions when cutting



Three-fold configuration

/ approx. 4.5 bar, the exact pressure setting depends on the applicable conditions when cutting



Four-fold configuration / approx. 6.0 bar, the exact pressure setting depends on the applicable conditions when cutting

Basic kit wire saw "PowerCube"

Wire saw 6WB12 (without drive)

/ Rugged & compact design / Easy handling / Low maintenance



Control unit PowerCube

/ Air-cooled control box/ Simple and user-friendly menu navigation with touch screen



Part no. 6SEPC20

Part no

Drive motor ServoEngine

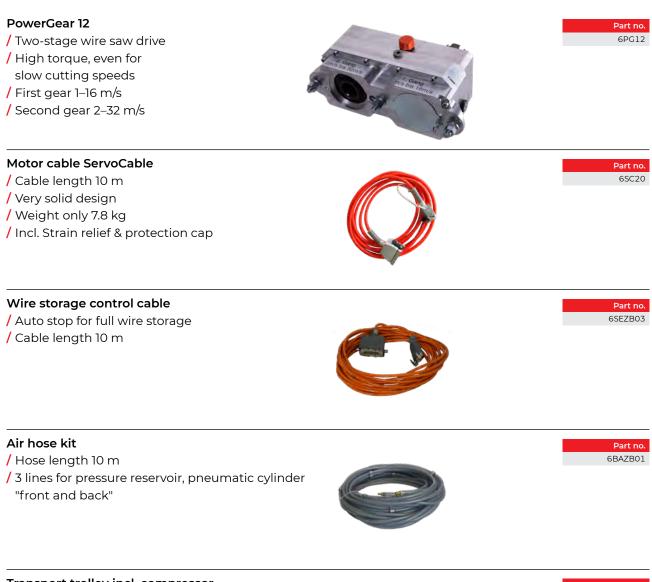
/ Powerful 20 kW motor / High torque

- with low weight
- / Long life service interval after 250 operating hours









Transport trolley incl. compressor / Control for the pneumatic unit / Compact unit on a transport carriage





165

Basic kit wire saw "PowerUnit"

Wire saw 6WB12 (without drive)

/ Rugged & compact design / Easy handling / Low maintenance



Control unit PowerUnit

 / Air-cooled control box
 / Simple and user-friendly menu navigation with touch screen



Part no. 6WS20PU

Part no.

6WS20PM

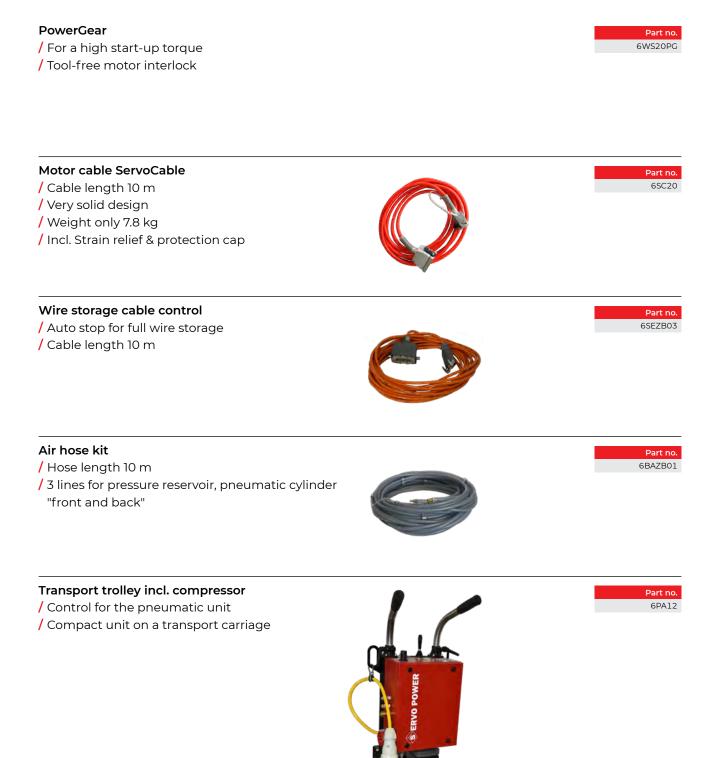
Part n

Drive motor

- / 20 kW servo motor
- / Power transmission from the motor with a dampened claw coupling wear-free
- / Tool-free motor interlock with hand lever
- / Automatic cooling water drain
- / Long life service interval after 250 operating hours







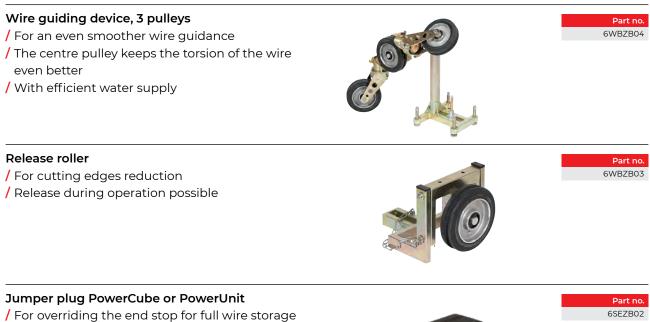
Accessories wire saw

Wire guiding device, 2 pulleys

- / Low weight and perfect wire guide
- / Pulleys can be swivelled by 360°, tool-free adjustment
- / With efficient water supply









Part no.

Part no. 6WBZB10

6SV70ZB13



/ With bayonet connector / For water supply in deep cuts

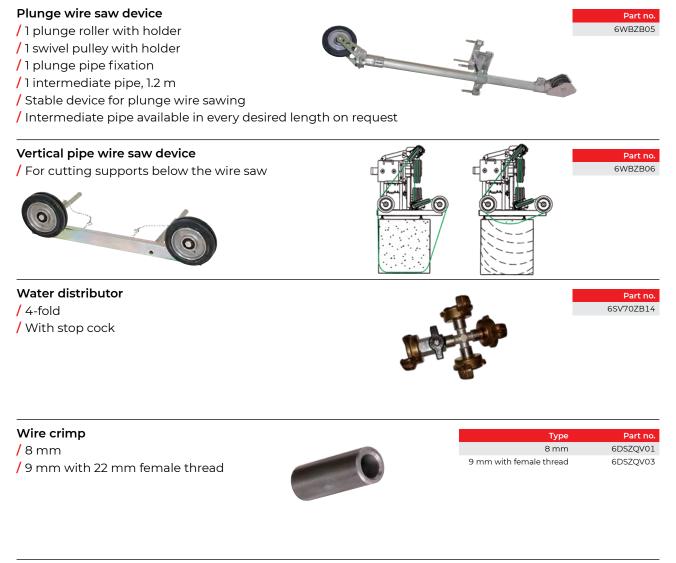
Water lance



Water wedge / With bayonet connector / For easy water supply







Wire connector & battery-powered hydraulic crimping tool

- / Tool-free opening and closing
- / Compact design, 3-fold bearing, see page 160
- / Hydraulic crimping tool, suitable for quick

and easy crimping, up to 11 t pressing force, see page 161



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6BWC9	Wire Connector
6DSZQZ03AKKU	Hydraulic
	crimping tool

Rig-mounted wire saw

Part no.: 1-WB-400

- / It is driven by powerful ServoPower components
- / For versatile sawing with 6 plus 2 m wire storage
- / Dual profiling of the drive pulley, no slipping during start-up
- / 10 components, can be disassembled in only 5 minutes, very time-saving handling due to minimum tooling time
- / Adjustable cutting speed of 2–30 m/s
- / Always the correct setting for the
- desired cutting result
- / Convenient spring tensioning system, wire protecting



Symbolic image

/ SPECIFICATIONS

No. of components Heaviest individual component Diamond wire storage Cutting speed Weight Dimensions WxHxD 10 21.3 kg 6 + 2 m 2–30 m/s approx. 100 kg 70 x 90 x 200 cm

Accessories



ServoEngine part no. 6SE20



PowerCube part no. 6SEPC20



ServoCable part no. 6SC20



Cable remote control part no. 6SEZB01



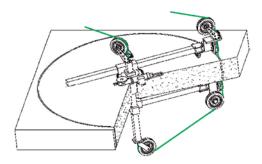
Feed cable 1-HA-ZB10



Circular wire saw

Part no.: 1-ZS350

- / It is driven by powerful
- ServoPower components
- / The easy option to make circular openings in ceilings and walls
- / The circular wire saw can be used optimally for wall thicknesses up to 800 mm
- / The use of existing drive versions keeps the capital expenditure low
- / Cutting speed continuously adjustable



Description of the process

- / Drill out the centre with Ø 125 mm core drill
- / Produce hole for wire feed-through Ø 15 mm
- / Fasten circular wire saw optimally, install all other components and insert the saw wire
- / Start cutting (make sure to use sufficient water)
- / Secure the circle to be cut with wedges and support if required
- / Complete cut and uninstall system

/ SPECIFICATIONS

Cutting speed continuously adjustable	1.8–32 m/s
Sawing diameter	700–3500 mm
Maximum wall thickness	800 mm
Weight	110 kg
Drive pulley	Ø 400 mm

Accessories Spare parts



ServoEngine

part no. 6SE20



PowerCube part no. 6SEPC20



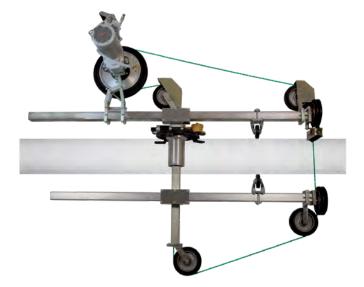
ServoCable part no. 6SC20



Cable remote control part no. 6SEZB01



Feed cable 1-HA-ZB10







Other sawing machines

Floor cutter Manual saws Cutting saws Safety Cube

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Floor cutter FS800E

Part no.: 5KEFS800E



Professional electrical floor cutter for universal application areas.

- / Quick lift with foot pedal
- / Roller splash protection
- / Blade holder right & left
- / Central water distribution on operator side
- / Motor can be removed from frame
- / Can be disassembled easily into two main components within a few minutes
- / Drive with wide flat belt
- (reducing current peaks causing
- overload malfunctions)
- / Continuous depth setting
- / Left and right run with e-switch

/ SPECIFICATIONS	FS800E
Power	11 kW
Current consumption	32 A
Nominal voltage	400 V / 50 Hz
Speed	1,300 rpm
Diamond cutting discs Ø	max. 800 mm
Shaft holder	25.40 mm
Blade holder	right/left
Max. Cutting depth	320 mm
Depth setting	hand crank (continuous)
Feed	manually
Dimensions L x W x H	1,270 mm x 640 mm x 980 mm
Weight	158 kg without blade guard

Accessories Spare parts







Blade guard Ø 800 mm part no. 5KEFS800ZB01



FS800E components & equipment



/ Lightweight and rugged design/ About 40% fewer vibrations than a combustion engine



/ Quick lift with foot pedal/ Blade guard can be opened quickly and easily/ Telescope display can be removed easily



/ Continuous depth setting/ Incl. parking brake/ Bayonet connector for water supply



/ Motor can be removed from frame/ Blade guard can be installed on the left and right

Floor cutter, electric 1200E

Part no.: 5KEFS1200E

Professional electrical floor cutter for universal application areas. / Incl. frequency converter / PLC controller / 24 V batteries / electric DC motors / Emergency stop / With driven feed

Symbolic image

/ SPECIFICATIONS	1200E
Power	15 kW
Current consumption	32 A
Nominal voltage	400 V / 50 Hz
Speed	700–2,700 rpm continuous
	controlled by converter
Diamond cutting discs Ø	max. 1,200 mm
Shaft holder	25.40 mm / 60.00 mm
Blade holder	right/left
Max. Cutting depth	510 mm
Depth setting	electric/manual
Feed	electric/manual
Dimensions L x W x H	1,300 mm x 800 mm x 1,180 mm
Weight	535 kg



Crack and floor cutter with extraction

Part no.: 5FSRFF-A

With the crack and floor cutter RFF-A, you can create easy and efficient milling cuts in asphalt and concrete.

Both the repair of damaging cracks or when creating connection joints, the RFF-A is perfect due to its practice-oriented equipment and easy handling. Thanks to the electro-mechanical traction drive with one-hand operation and the manoeuvrable undercarriage, even wild cracks can be prepared accurately for grouting.

High-quality diamond tools guarantee high daily output. The powerful dust extraction with cyclone filter clears the milling cut from the accumulating milling dust so that the further processing can be continued right after cutting.

- / Electric drive, continuously adjustable
- / Powerful dual cyclone extraction with fine filter
- / High-quality diamond tools
- / Continuous cutting depth setting via mechanical stop
- / Safety shutdown

Areas of application:

- / Cutting joints after asphalt work for subsequent hot pouring in the edge area of trenches and for connections to present cover layers
- / Opening cracks for subsequent hot pouring



/ SPECIFICATIONS RF Drive Br

Motor power Speed milling tool Cutting depth Cutting width Weight RFF-A Briggs & Stratton Vanguard gasoline engine 16.9 kW (23 HP) up to 5,000 rpm 0–40 mm max. 15 mm 260 kg

Crack milling cutter, hydraulic

Part no.: 5FSRFH

With the hydraulic crack milling cutter HRF-L, you can create easy and efficient milling cuts in asphalt. Both the repair of damaging cracks or when creating connection joints and repairing joints, the HRF-L is perfect due to its practice-oriented equipment and easy handling. The fully hydraulic operation and drive concept with two separate circuits helps to achieve accurate and high-quality work results with low wear and low maintenance requirements.

Comparing to quickly rotating cutting tools, the slowly rotating hard metal tool creates a rough joint edge which guarantees an exceptionally good adhesion of the pouring compound with the existing asphalt area.

With the lateral milling device available as an accessory, cuts can be made directly along walls and rims.

/ Almost no creation of dust

- / Removes old joint fillings without smearing
- / Fully hydraulic operation
- / Extremely manoeuvrable undercarriage
- / Continuously adjustable traction drive
- / Continuously adjustable milling depth
- / High-quality hard metal tools

Areas of application:

- / Cutting joints after asphalt work for subsequent hot pouring in the edge area of trenches, for connections to present cover layers, joint cleaning and joint preparation by cleaning them with brushes
- / Milling for opening cracks for subsequent hot pouring
- / Removing old joint fillings for joint repairs

SPECIFICATIONS	HRF-L
Drive	Briggs & Stratton Vanguard gasoline engine
Motor power	16.9 kW (23 HP)
Speed milling tool	continuous from 0–400 rpm
Cutting depth	0–40 mm
Cutting width	10–15 mm
Weight	650 kg





Cutting saw TS40 ANNA

Part no.: 6WTS40

- / Ergonomic grip design
- / Adjustable holding handle
- / Adjustable blade guard
- / Closed, water-cooled high-frequency motor
- / Water-jet protected IP 55
- / Operation possible with 230 V or 400 V
- / Only in combination with frequency converter FU6C, FU6D or FU6U

/ SPECIFICATIONS

Nominal voltage	230 V	400 V
Rated power	3,700 W	6,500 W
Output power	2,700 W	4,800 W
Nominal current	16 A	13.5 A
Cutting depth	165 mm	165 mm
Saw blade Ø max.	400 mm	400 mm
Mounting hole	25.4 mm (1")	25.4 mm (1")
Speed	2,500 rpm	2,500 rpm
Weight	9.4 kg	9.4 kg

/ For suitable tools, refer to pages 20–39



Ring saw TR40 ANNA

Part no.: 6WTR40

- / Excellent cutting depth up to 300 mm
- / adjustable holding handle
- / Closed, water-cooled high-frequency motor
- / Water-jet protected IP 55
- / Operation possible with 230 V or 400 V
- / Only in combination with frequency converter FU6C or FU6D



Nominal voltage	230 V	400 V
Rated power	3,700 W	6,500 W
Output power	2,700 W	4,800 W
Nominal current	16 A	13.5 A
Cutting depth	300 mm	300 mm
Saw blade Ø max.	400 mm	400 mm
Speed	2,400 rpm	2,400 rpm
Weight	13.5 kg	13.5 kg
(without cutting equipment)		

/ For suitable tools, refer to page 29

Hand saw HS40 Emma

Part no.: 6WHS40

- / Completely closed blade guard / Closed, water-cooled high-frequency motor
- / Water-jet protected IP 55
- / Accessories with guide rail
- / Only in combination with frequency converter FU6C, FU6D or FU6U

/ SPECIFICATIONS

Nominal voltage
Rated power
Output power
Cutting depth
Saw blade Ø max.
Mounting bore
Speed

Weight

230 V 3,700 W 2,800 W 165 mm 400 mm 20 mm optionally 15.85 mm (5/8") 2,600 rpm 8.5 kg

/ For suitable tools, refer to pages 20–39



Hand saw HS50 Emma

Part no.: 6WHS50

- / Rail-guided hand saw
- / Closed, water-cooled high-frequency motor
- / Water-jet protected IP55
- / Closed blade guard
- / Operation possible with 230 V or 400 V
- / Only in combination with frequency converter FU6C, FU6D or FU6U



/ SPECIFICATIONS

Nominal voltage	230 V	400 W
Rated power	3,700 W	6,500 W
Output power	2,700 W	4,800 W
Nominal current	16 A	13.5 A
Cutting depth	210 mm	210 mm
Saw blade Ø max.	500 mm	500 mm
Mounting bore	20 mm	20 mm
Holder for flush saws	TK706x118	TK706x118
Speed	1,850 rpm	1,850 rpm
Weight		
without saw blade & rail	12.5 kg	12.5 kg

/ For suitable tools, refer to pages 20–39



Frequency converter FU6D

Part no.: 6WFU6D

As a universal drive unit, the frequency converter FU6D can control and drive all devices from the ANNA series.

- / An LC display, protected by a scratch-free acrylic glass, gives the user access to information. With the keypad, settings for the frequency converter can be changed.
- / The integrated Bluetooth interface enables intuitive and safe updating of the software. Via the WEKA Service App (available in the Google Play Store), the user always has access to the latest software version. Thus, the user can carry out software updates on site without any addi-



tional programming tools. The time-consuming and expensive shipping to WEKA or a service partner is no longer required.

- / A software update for an existing frequency converter can be required when new machine types are launched or when software with improved settings has been released.
- / It is also possible to transfer customer-specific software via a Bluetooth update to the frequency converter.



Frequency converter FU6C

Part no.: 6WFU6C

The frequency converter FU6C is a more economic alternative.

- / Universal drive unit for all devices of the ANNA series
- / No display, no keypad
- / Integrated Bluetooth interface; Software updates possible with the WEKA Service App
- / Error display via LED (identical with FU6U)

Frequency converter FU6U

Part no.: 6WFU6U

/ The frequency converter FU6U will only be available for a limited amount of time. Since it is not possible to update this type without sending it to WEKA or a Service Partner, we will not continue the sale of this type.

A frequency converter FU6U can be retrofitted to the version FU6C.
 A frequency converter FU6U can be retrofitted to the version FU6D.

Safety Cube

Part no.: 6SCUBE

EURODIMA sets new safety standards on the construction site

Construction sites are often the scene of accidents due to electric shocks - sometimes with serious consequences - when machines with frequency converters are used. This is often due to an incorrect protection. The Safety Cube offers a precise earth leakage compensation, fulfils all requirements according to DIN EN50178 and is therefore perfectly suited for the use of electric equipment with frequency converters. The device offers a permanent earth conductor monitor and is equipped with a residual current device type B MI. The innovative product enables smooth and fault-free operation, even if a residual current device TYPE A is connected upstream. The Safety Cube is equipped with a connection point for a ground spike or earth wire, has a rugged aluminium housing for rough environments and is resistant against dust and water with its type of protection IP44.

- / Residual current device type B MI suitable for mobile installation and operation of electric devices with frequency converter according to EN 50178
- / Earth conductor monitor permanent earth conductor monitor for electric devices with a permanent leakage current exceeding AC 3.5 mA or DC 10 mA according to EN 50178
- / Earth leakage compensation safe operation of electric devices even at a type A residual current device without faulty activation
- / Connection bolt for ground spike or earth wire
- / Rugged aluminium housing for rough environments
- / Type of protection IP44
- / Can be installed downstream of the residual current device TYPE A
- / Suitable for exterior installation

Safety Cube – for a secure construction site

DIAMOND TECHNOLOG

/ SPECIFICATIONS

Input Outputs Dimensions Weight 32 A, 400 VAC, 5 pin, 50/60 Hz 2 x 16 A, 230 VAC, 3 pin, 50/60 Hz 1 x 16 A, 400 VAC, 5 pin, 50/60 Hz 1 x 32 A, 400 VAC, 5 pin, 50/60 Hz 45 cm x 33 cm x 25 12 kg



Terms and Conditions

1. General

Our deliveries and services are, without exception and also for future transactions, subject to the following terms and conditions. General terms and conditions, in particular terms and conditions of purchase, which contradict these Terms and Conditions are invalid in their entirety. It is irrelevant whether, when and in what form these were brought to the attention of the seller. Verbal collateral agreements, supplements or amendments to these Terms and Conditions are only valid if they have been confirmed by us in writing.

2. Offers

Our offers are subject to change and are non-binding. All contracts are only concluded upon receipt of our written order confirmation by e-mail or fax, but at the latest upon execution of the delivery. All indications of weights and dimensions are non-binding. The design is subject to changes.

3. Cost estimate

The preparation of each cost estimate is subject to payment. The fee for the cost estimate is credited in the case that an order is placed based on the corresponding cost estimate. Cost estimates are created to the best of the professional knowledge, however, no guarantee for correctness is given. If cost increases of more than 15% occur after placing the order, the customer will be notified immediately. If it is an inevitable cost increase up to 15%, a specific notification is not required and these costs can be invoiced by implication.

The costs for inspection efforts always depend on the device and can therefore vary. The customer agrees that every device is disassembled for the purposes of preparing a cost estimate. If no approval is given within four weeks after preparing the cost estimate, the corresponding device and the included accessories are returned in disassembled state, not repaired and for the account of the customer. A partial repair of the device is not possible!

4. Prices

All prices are exclusive of sales tax, freight, transport insurance and packaging and are on an ex-works basis. We are entitled to increase our prices if at any time prior to delivery circumstances arise which require a change in calculation of the prices. This applies in particular to price fluctuations, salary increases or in case of retrospective introduction or increase of taxes, custom duties, public fees, freight charges and other supplementary fees, which affect or increase the price of our shipment directly or indirectly.

5. Payments and payment terms

Our invoices are due immediately and must be paid within 14 days after the date of invoice and delivery without deductions of a cash discount. Payments are always credited towards the oldest payment due. In the event of a late payment we are entitled to receive a late payment interest in the amount of 5% above the base interest rate as published by the central bank by the receiving country, but at least 9% p.a. We reserve the right to additional claims for damages caused by the delayed payment. If we become aware of circumstances, which cause us to suspect a significant deterioration of the

assets of the customer after signature of the contract, particularly if the buyer does not pay past-due claims and therefore our payment claims seem to be in jeopardy, then we are entitled to make delivery only against full and partial payment step-by-step or against security. In the event of the customer's inability to pay or an application for the initiation of insolvency or composition proceedings. on the customer's assets, we shall be entitled to withdraw from all purchase contracts not yet executed, without the need to set a separate prior deadline for payment. Payment may only be made to us directly or to persons who are explicitly authorised in writing to accept payment, all without the right to compensate or withhold. Payments by bank transfers are considered made on the date the amount is credited to our account. Payment by bills of exchange or checks require prior agreement. Credits from bills of exchange and check are made minus the cash expenses and subject to receipt on the date on which we can actually use the funds received from it.

6. Reservation of property rights

The delivered goods remain our property until all open claims from this business relationship including all surcharges have been paid completely. A late payment entitles us to collect the goods at any time. The goods delivered under reservation of property rights have to be handled carefully and stored appropriately by the buyer. If the buyer violates the previously described obligation, then he is fully liable for damages. Pledging, transfer by way of security, or other types of encumbrance of our goods, which are sold with the reservation of property rights, is not permissible for the duration of the reservation of our property rights. Collection of our goods by third parties has to be reported to us immediately in order to allow us to ascertain our rights. Provisions regarding the transfer or risk contained in these general terms and conditions or in the law are not changed by the reservation of property rights. The provisions in this item apply to this order and to all subsequent orders of the buyer. If the goods are sold by the buyer directly to a third party, then the seller has the right to compensation. For that purpose, the buyer hereby assigns his claims against the third party with all supplemental rights to the seller in order to avoid the need for a special transfer action of these claims when they are created. The claim is assigned in the amount of the balance claim of the seller, plus any late payment interest. The buyer is obligated to disclose the name of his buyer upon request by the seller and to notify his buyer of the assignment having taken place. The seller, too, is entitled to notify the third party about the assignment. In the event of sale to a third party the buyer is obligated to place appropriate reservation of property rights with his buyer. The costs of ascertaining our rights from the reservation of property rights are for the account of the buyer. If the buyer does not comply with these terms and conditions or if the seller becomes aware of circumstances which would appear to diminish the creditworthiness of the buyer, then all claims towards the buyer shall become due and payable immediately. In this case, the seller is furthermore entitled to demand the return of the goods, to recall goods not yet accepted, to demand advance payment for goods not yet accepted or yet to be delivered, to realise securities already provided and to withdraw from all contracts not yet processed. It is not necessary to grant additional time.

7. Delivery

The delivery and shipment of the goods always takes place at the risk of the buyer ex-works. The type of shipment is determined by us without any liability from our side. The delivery deadlines and dates are subject to change. The delivery deadlines only start after final clarification of all technical and economic aspects and after receipt of any agreed deposit or advance payments. The delivery deadline is extended appropriately in the event that unexpected obstacles occur, which are outside the sphere of influence of the seller. Liability claims, based on whatever legal title, are excluded in the event of exceeding the delivery deadlines, unless the seller is found to be grossly negligent. Transport insurance shall only be obtained upon written demand by the buyer and at his expense. Any damages during transportation have to be reported immediately by the recipient of the goods to the freight forwarder or driver and a report has to be compiled. Damage claims are excluded - unless the law provides otherwise. If the customer is delayed accepting the goods or if he deliberately violates his obligation to participate, then we are entitled to demand compensation for the arising damages - including possible additional expenses. We reserve the right to file additional claims. The delivery deadlines are extended - regardless of our rights resulting from the delay by the buver - by such a time period by which the buver is delayed fulfilling his obligations from this or other orders. The same applies to delivery deadlines. In the event of force majeure we are entitled to delay the delivery by the amount of time of the force majeure and by an appropriate time to restart or to withdraw from the incomplete portion of the contract entirely or partially. Force majeure includes strike, lock-out and other circumstances, which make it significantly more difficult or impossible for us to make the delivery (e.g. shortages of raw materials), regardless of whether they are incurred by us or by one of our sub-vendors. The buyer has the right to demand a declaration from us whether we wish to cancel or deliver within an appropriate deadline.

8. Cancellations

Cancellations of orders already placed by the buyer may only take place in exceptional cases and with the explicit agreement of the seller. Goods which have to be produced or assembled based on an order are excluded from cancellation. If such cancellation relates to "storage items", then the cancellation fee is equal to 20% of the current list price, which must be at least EUR 20.00 per order. An additional 10% is added if the original packaging is missing and an additional 15% if the goods show signs of use.

9. Warranty / Defects / Delivery of goods not in compliance with the contract

The delivered goods have to be examined by the buyer immediately. Warranty claims such as quantitative or qualitative defects can only be considered if they are reported by the buyer in writing to the seller within 14 days from receipt of the goods. Defects, which could not be found even during the most careful examination, have to be notified after their discovery and any processing thereof has to cease immediately, but no later than 3 months after receipt of the goods. After the expiration of the deadline of 3 months any defect claims are excluded – no matter what the reason. The burden of proof that any defects may have already existed at the time of the delivery rests with the buyer at all times. In the event of timely notification of defects, we shall accept the return of the defective goods and we shall replace them with goods free of defects. Instead we can also replace the lesser value. A claim according to Art. 933 b ABGB [Austrian Civil Code] by the buyer is explicitly excluded. If the buyer doesn't give us the opportunity to check the defect, in particular if he fails to make the goods or samples claimed to be defective available to us immediately upon request, then all defect claims shall be void. The time limit for defect claims shall expire no later than one month after written rejection of the defect claim by us.

10. Liability and product liability

The seller is only liable for damages caused deliberately or by gross negligence. Liability based on minor negligence is excluded. The culpability of the seller has to be proven by the buyer. The liability for indirect damages, consequential damages, loss of profit, financial losses, loss from operational disruptions as well as claims by third parties against the seller are excluded in any case. Any possible liability by the seller is in any event limited to the amount of the agreed payment or the purchase price for each contract. The contracts accepted by the seller shall only be accepted with the understanding of this limitation of liability. Any liability of the seller exceeding this amount is expressly excluded. If the total amount of damages exceeds this amount, then the damage claim of the individual injured parties shall be reduced accordingly. The obligation to replace the material damages based on the product liability law as well as any product liability claims, which could derive from other provisions, are excluded to the extent that this is permitted by law. The ordering party is obligated to transfer the exclusion of liability for product liability claims to any potential contractual partners. Recourse by the buyer against the seller based on the use of the product liability laws is excluded. This exclusion does not, however, relate to non-mandatory claims based on the product liability law. In the event of several customers, all customers and ordering parties are liable for all obligations as a result of this contract jointly and severally.

11. Place of jurisdiction, applicable law

Decisions regarding any disputes from this contract shall be settled by the legally competent court within the City of Salzburg, which is also locally competent. The buyer is obligated to confirm to the seller upon his request the existence of this agreement regarding the place of jurisdiction. During clarification of questions regarding the interpretation of these general business terms and conditions, even in the event of a lawsuit, as well as circumstances not covered in these terms and conditions, only Austrian law shall apply exclusively, excluding its referral and conflict norms (EVG, EPRG) and excluding the U.N. Convention for the International Sale of Goods of 1980 (CISG). The buyer undertakes to compensate the seller for all and any extrajudicial pre-litigation collection costs in the event of his default.

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