

DUSS



SINCE 1920

TOP QUALITY MADE IN GERMANY

FRIEDRICH DUSS Maschinenfabrik GmbH & Co KG has its home in southern Germany. Ideas have been maturing into masterpieces of German engineering for over 100 years, in the middle of the wild natural beauty of the Black Forest.

A lot of heart and soul goes into every product that we proudly hand over to our customers. Finished in our own production, we follow our tradition and do our utmost to put only the best quality rotary hammers and breakers as well as diamond core drills into the professional hands of our customers worldwide.

A highly motivated team supports you every day with comprehensive service, know-how and innovative solutions, to help you achieve your goals with our machines and tools.



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WHO WE ARE



INNOVATION WITH TRADITION

Friedrich Duss was highly motivated when he set up a small workshop in 1920 to manufacture switchboards and three-phase motors. His drive and inventiveness lead to success: Firmly rooted in the family tradition with entrepreneurial foresight, the small company has developed into an internationally active, modern industrial enterprise with future-oriented technology for drilling, chiselling and diamond core drilling technology.

STRENGTH OF HOME

For 100 years we have been developing and producing exclusively at our company headquarter in Neublach in the heart of Baden-Württemberg. With a vertical manufacturing range of more than 80%, we almost have the entire manufacturing process at home. This is a great advantage for our customers, because it enables us to keep our promise of quality, delivery reliably and stably in the long term. With us here in the Black Forest you will find everything that men of action need!



MADE AS IT WAS IMAGINED

Our team of engineers, experienced specialists, tinkerers and testers work tirelessly for you to turn new ideas into inspiring products and to drive developments forward.

VALUE-CONSCIOUS AND FUTURE-ORIENTED

When we look down from the peaks of the Black Forest over the beautiful landscape, it fills us with great gratitude and pride. This is where we work and live. As an independent family business, it is particularly important to us to think in the long term, to handle resources of all kinds responsibly and to operate successfully on a sustainable basis. Our claim is to always be one step ahead and to become better every day for our customers.

We are proud of our company's technological achievements, which are now taken for granted by users on construction sites worldwide. Numerous patents have resulted from our Swabian inventive spirit.



QUALITY IN EVERY DETAIL

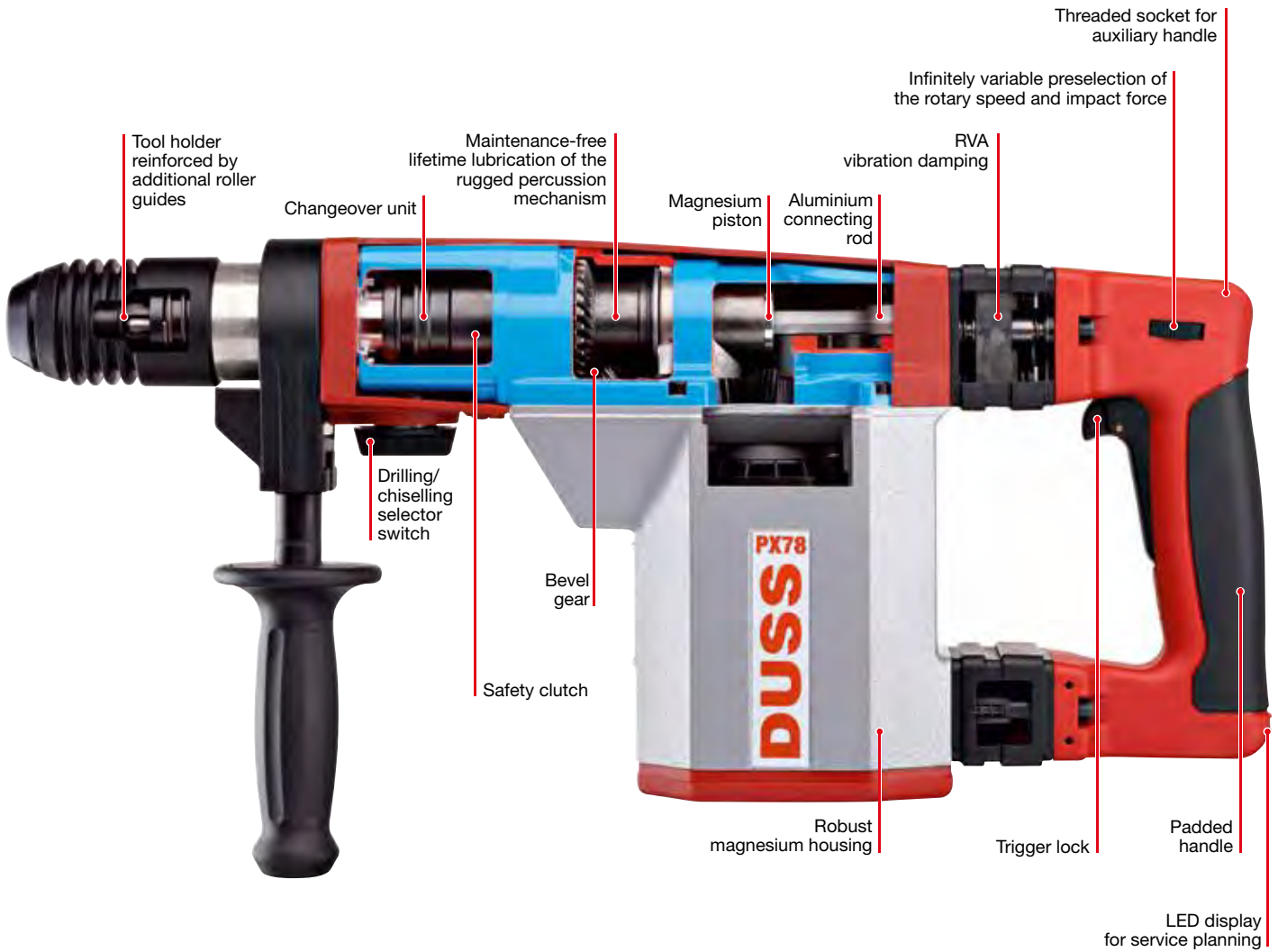
Every product incorporates the extensive knowledge and wealth of experience from our traditional company.

The combination of craftsmanship and high-tech results in careful high-quality materials and first-class workmanship guarantee that users can rely on the quality of their tools to meet the demanding requirements of everyday use: Good thing it's a DUSS!

WITH THE FUTURE IN MIND

Because everything is in a state of flux, it is of great concern to us to be a reliable partner for our customers now and in the future. Our strategy points guide the way: The development and production of optimal, technical solutions at the highest qualitative level always has top priority. At DUSS, we are ready to grow with you and move to a successful future together!

CONVINCING DETAILS



PRODUCTION EXPERTISE

Whether rotary hammer, combi hammer, breaker or diamond core drill, all our products comply with the highest standards of quality in every detail. We know what we are talking about. Our machines and tool components are predominantly made in our own factory, while the depth of our production facilities enables us to meet even unusual customers' requirements in the minimum of time.

All DUSS machines embody two important properties, namely prolonged service life, thanks to uncompromising quality, and superior performance as a consequence of innovative technology.

USER IN FOCUS

Our machines are easy and convenient to use. A sealed lubrication system assures the user of freedom from maintenance, while a precision electronic control system permits the selection of the optimum, infinitely variable rotary speed and/or impact force.

The trigger lock is a particularly practical feature for continuous use. Damping elements and padded grips provide protection against vibration and permit non-fatiguing work. Also take a look at the robust gearing. Every DUSS machine is good for years and years of reliable service.

AT A GLANCE

ROTARY DRILLS AND ROTARY HAMMERS

Product	Machine weight (kg)	Drilling dia. in steel (mm) 1st/2nd gear	Drilling dia. in wood (mm) 1st/2nd gear	Drilling dia. core bit (mm) 1st/2nd gear	Page
B 13 B drill driver	2.8	-/8	-/20	-/-	10
B 13/2 RLE 2-speed rotary drill	1.9	16/8	40/20	-/-	11
SB 13/2 RLE 2-speed impact drill	2.0	16/8	40/20	66/-	11
D 38 RLE 4-speed rotary drill	8.6	32/-	130/-	600*/-	13

Product	Machine weight (kg)	Chuck	Drilling dia. drill bit (mm)	Drilling dia. core bit (mm)	Page
P 16 SDS rotary hammer	2.7	SDS-plus	5 - 24	-	14
P 26 SDS rotary hammer	3.6	SDS-plus	5 - 30	40 - 82	15

* In polypropylene with LS core cutter

COMBI HAMMERS

Product guide

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Product	Machine weight (kg)	Chuck	Drilling dia. drill bit (mm)	Drilling dia. core bit (mm)	Chiselling performance* (kg/h)	Page
P 26 C	3.9	SDS-plus	5 - 30	40 - 82	approx. 50	20
P 30	4.5	13 mm hexagon	5 - 35	45 - 82	approx. 80	21
P 60 A	7.2	19 mm hexagon	8 - 55	55 - 100	approx. 105	24
P 90	8.0	19 mm hexagon	8 - 80	55 - 125	approx. 160	25
PX 48 A	5.5	SDS-max	8 - 55	45 - 90	approx. 125	28
PX 76	6.7	SDS-max	12 - 80	45 - 150	approx. 150	29
PX 78	7.6	SDS-max	12 - 80	45 - 150	approx. 200	30
PX 96	8.6	SDS-max	12 - 80	45 - 150	approx. 220	31

* In hard C45/55 concrete with pointed chisel

BREAKERS AND DEMOLITION HAMMERS

Product guide

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Product	Machine weight (kg)	Chuck	Chiselling	Chiselling performance* (kg/h)	Page
PK 2 breaker	3.6	SDS-plus	•	approx. 55	38
PKX 4 A breaker	5.4	SDS-max	•	approx. 135	40
PKX 7 breaker	7.3	SDS-max	•	approx. 280	41
PK 35 breaker	3.7	16 mm hexagon	•	approx. 90	42
PK 45 breaker	4.5	16 mm hexagon	•	approx. 100	43
PK 45 A breaker	4.9	16 mm hexagon	•	approx. 100	43
PK 75 breaker	6.2	16 mm hexagon	•	approx. 260	44
PK 75 A breaker	6.6	16 mm hexagon	•	approx. 280	44
PK 160 A demolition hammer	9.8	22 mm hexagon	•	approx. 475	46
PK 300 A demolition hammer	13.6	22 mm hexagon	•	approx. 730	47
PK 600 demolition hammer	17.4	22 mm hexagon	•	approx. 1220	48

* In hard C45/55 concrete with pointed chisel

DIAMOND CORE DRILLS, DRY DRILLING

Product guide

52 - 53

Product	Machine weight (kg)	Chuck	Drilling dia. (mm) dry	Speed (rpm)	Page
DIA 82 S*	6.5	Quick release system	68 - 82	1290 - 1610	54
DIA 82 S M16*	6.5	M16	68 - 82	1290 - 1610	54
DIA 200	5.0	G 1/2"	82 - 250	380 - 490	56
DIA 300	5.0	G 1/2"	127 - 300	230 - 320	56
DIA 303	6.2	G 1/2"	52 - 300	360/680/1270	57
DIA 303 S*	6.9	G 1/2"	52 - 250	530/830/1130	58

* With soft impact

AT A GLANCE

DIAMOND CORE DRILLS, WET AND DRY DRILLING

Product guide

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Product	Machine weight (kg)	Chuck	Drilling dia. (mm) wet	Drilling dia. (mm) dry	Speed (rpm)	Page
DIA 52 W*	6.1	Quick release system	8 - 42	-	3000 - 4000	62
DIA 100 W	6.1	G 1/2"	32 - 102	52 - 112	900 - 1200	64
DIA 150 W	6.1	G 1/2"	52 - 162	82 - 212	480 - 630	64
DIA 300 W	6.1	G 1/2"	112 - 300	127 - 300	260 - 350	64
DIA 203 W	6.4	G 1/2"	12 - 137	52 - 202	690/1290/2420	65
DIA 303 W	6.4	G 1/2"	32 - 300	52 - 300	360/680/1270	66
DIA 400 W*	12.0	1 1/4" UNC	67 - 400	-	230/480/720	77

* The DIA 52 W and DIA 400 W are only suitable for wet drilling.

EXTRACTION SYSTEMS · CORE CUTTERS · DRILL STANDS

Product	Applications	Page
ASG suction cups	Dust-free dry drilling and clean diamond core drilling	81
MASH · MASP dust extractors	Dust-free chiselling and demolition work	82
ASF suction hood	Dust-free dry diamond core drilling	83
ISC · ISPS industrial vacuum cleaners	Wet and dry vacuum cleaning	84
LC hole saw	Drilling in plastic materials, wood and wood composites	85
LS core cutter	Drilling in plastic materials	86
LB wood core cutter	Drilling in wood and wood composites	87
BST drill stands	Right-angled and centric drilling	90
BKFE drill core catchers	Drilling into already installed sewer pipes	91
LI HSS Co8 bimetal hole saws	Universal use in all relevant materials	92
LH carbide tipped hole saws	Universal use in all relevant materials	92
AN hole saw arbors	Suitable for all conventional bimetal and carbide tipped hole saws	93
LD · LDM · LDF diamond core bits and routers	Dry drilling in tiles and ceramics	94

ROTARY HAMMERS AND BREAKERS

Specialists who spend many hours a day working with rotary hammers and breakers cannot afford to compromise on quality. They need machines which are powerful, proven and can be relied upon one hundred per cent. DUSS understands what it is that professionals need, and ensures that all these requirements flow into every product development. The outcome: high-performance, premium-quality and reliable tools which do an outstanding job day in day out under the toughest conditions.



WEIGHT-TO-PERFORMANCE RATIO

Experienced specialists know that when drilling anchor holes, sinking sockets, drilling, chiselling, slotting and precise finish processing, particularly when working on scaffolding or ladders, high-powered performance coupled with low machine weight are key. Machines "made by DUSS" are characterized by an exceptionally favourable weight-to-performance ratio, balanced weight distribution and convenient handling.



COMPRESSOR SETTING

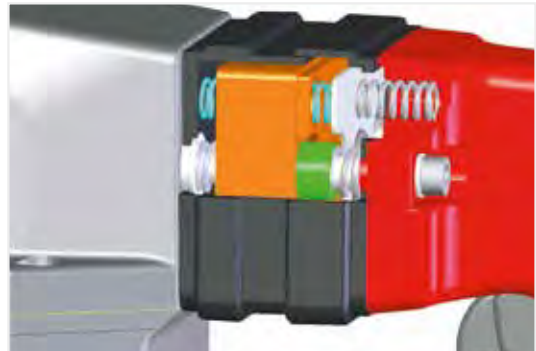
For vertical jobs, an auxiliary handle can be simply screwed into the main handle. Main and auxiliary handle are perfectly positioned for an optimum ergonomic working position without straining your back when drilling and chiselling downwards.

Ergonomy equals economy, as less strain allows you to go on working for longer.



SAFETY CLUTCH

Our low-wear safety clutch, with gentle starting torque (an unique feature), protects the user from injury and the motor from being overloaded.



RVA (RECOIL VIBRATION ABSORBER)

The RVA vibration damping reduces the vibration loads affecting the user to a minimum – ensuring comfortable continuous use at high operation comfort.

An active oscillating mass directly counteracts the recoils and effectively absorbs the vibration occurring. The two-stage decoupled handle guarantees the highest possible vibration damping – also, when using the auxiliary handle.



STABLE TOOL HOLDER

The reinforced and long locking rollers made of high-alloy tool steel not only ensure a secure hold of the tool in the holder, but also contribute to reliable torque transmission.

B 13 B



APPLICATIONS

- Installing screws, also large screws
- Small and large drill holes (1st/2nd gear)
- Working with hole saws and Forstner bits
- Removing screws
- Mixing and stirring viscous substances
- Applications, requiring high torque (Drilling into stainless steel panels, threading with low torque, etc.)

FEATURES

- Very high torque in 1st gear (120 Nm)
- High speed in 2nd gear
- Speed infinitely adjustable with pushbutton switch
- Clockwise/anticlockwise selector switch
- Direct torque control (DTC) protects the mechanical components of the drill driver from being overloaded
- High-strength magnesium gear housing
- Robust heavy-duty drill spindle mounting
- 3-level reduced 2-speed gear
- Robust large dimensioned side handle, pivotable about 360°, with a gummed surface for a safe grip
- High quality keyless chuck for a rapid and easy tool change

ORDER-NO. B 13 B

Standard specification: DUSS B 13 B drill driver, keyless chuck with locking screw, side handle.



TECHNICAL DATA **B 13 B**

Rated power	760 W	
Screwing in softwood, without pilot drilling, max.	11 x 400 mm	
Set torque (1st gear)	120 Nm	
Machine weight	2.8 kg	
Drill spindle thread	1/2" - 20 UNF	
Spindle collar dia.	43 mm	
Chuck clamping range	dia. 1.5 - 13 mm	
Drilling dia. in	1st gear	2nd gear
softwood with Forstner bit	51 - 80 mm	up to 50 mm
Rated speed	0 - 170 rpm	0 - 1320 rpm

B 13/2 RLE**APPLICATIONS**

- Small and large drill holes (1st/2nd gear)
- Installing screws, also large screws
- Mixing and stirring viscous substances
- Working with hole saws
- Removing paint and rust with a brush
- Polishing

FEATURES

- High torque in 1st gear (45 Nm)
- High speed in 2nd gear
- Speed infinitely adjustable with pushbutton switch/adjusting dial
- Clockwise/anticlockwise selector switch
- High-strength magnesium gear housing
- Robust heavy-duty drill spindle mounting
- 3-level reduced 2-speed gear
- High quality keyless chuck for a rapid and easy tool change

ORDER-NO. B 13/2 RLE

Standard specification: DUSS B 13/2 RLE 2-speed rotary drill, keyless chuck with locking screw, side handle, depth stop.

TECHNICAL DATA		B 13/2 RLE	
Rated power	650 W		
Screws up to	dia. 12 mm		
Set torque (1st gear)	45 Nm		
Machine weight	1.9 kg		
Drill spindle thread	1/2" - 20 UNF		
Spindle collar dia.	43 mm		
Chuck clamping range	dia. 1.5 - 13 mm		
Drilling dia. in	1st gear	2nd gear	
steel	16 mm	8 mm	
softwood	40 mm	20 mm	
lightweight materials with hole saw	105 mm	50 mm	
Rated speed	0 - 450 rpm	0 - 1550 rpm	

SB 13/2 RLE**APPLICATIONS**

- Drilling in masonry and concrete
- Drilling anchor holes
- Small and large drill holes (1st/2nd gear)
- Installing screws, also large screws
- Mixing and stirring viscous substances
- Working with hole saws
- Sinking sockets with core bits
- Removing paint and rust with a brush
- Polishing

FEATURES

- Rapid changeover, drilling/percussion drilling
- High torque in 1st gear (45 Nm)
- High speed in 2nd gear
- Speed and impact force infinitely adjustable with pushbutton switch/adjusting dial
- Clockwise/anticlockwise selector switch
- High-strength magnesium gear housing
- Robust heavy-duty drill spindle mounting
- 3-level reduced 2-speed gear
- High quality keyless chuck for a rapid and easy tool change

ORDER-NO. SB 13/2 RLE

Standard specification: DUSS SB 13/2 RLE 2-speed impact drill, keyless chuck with locking screw, side handle, depth stop.

TECHNICAL DATA		SB 13/2 RLE	
Rated power	650 W		
Screws up to	dia. 12 mm		
Set torque (1st gear)	45 Nm		
Machine weight	2.0 kg		
Drill spindle thread	1/2" - 20 UNF		
Spindle collar dia.	43 mm		
Max. impact rate	42000 impacts/min		
Chuck clamping range	dia. 1.5 - 13 mm		
Drilling dia. in	1st gear	2nd gear	
steel	16 mm	8 mm	
softwood	40 mm	20 mm	
stone	20 mm	13 mm	
lightweight materials with hole saw	105 mm	50 mm	
sand-lime brick and masonry with core bit	66 mm	-	
Rated speed	0 - 450 rpm	0 - 1550 rpm	

ACCESSORIES

B 13 B · B 13/2 RLE · SB 13/2 RLE



SOCKET ADAPTER

for keyless chuck, adapter for sockets with 1/2" square

ORDER-NO. STA



HOLE SAWS – FAST AND PRECISE CUT, BIMETAL AND CARBIDE TIPPED

for installation holes of the highest precision as well as for universal use. Further information can be found on page 85 and from page 92 onwards.

B 13/2 RLE · SB 13/2 RLE



KB 43 DRILL STAND offers outstanding performance and accuracy for precise stand mounted drilling

APPLICATIONS

- Right-angled drilling
- Stationary use of rotary drills and impact drills, tappers, screw drivers and straight grinders with a spindle collar dia. of 43 mm

FEATURES

- Base plate, thrust head and drill holder manufactured from solid, hammer-finish painted grey cast iron
- Rapid and simple fitting and removal of the drill
- Column, thrust drive and thrust lever manufactured from solid steel
- Finely adjustable feed, adjustable guide wedge and infinitely adjustable depth stop for precise working
- Cross-shaped T-slot to fix a drill vice
- Gutter in base plate to collect coolant and swarf

ORDER-NO. KB 43

Standard specification: DUSS KB 43 drill stand, SW 17 open-end wrench.



TECHNICAL DATA	KB 43
Clamping	dia. 43 mm
Stroke	120 mm
Free overhang	140 mm
Distance (adjustable on the column) between drill holder and base plate	0 - 530 mm
Height x Width x Depth	385 x 245 x 325 mm
Weight	14.0 kg

D 38 RLE



4 gears and 2000 W for drilling into steel, wood and plastic materials or as drive motor

APPLICATIONS

- Steel and metal structures
- Wooden structures
- Drive motor for a wide range of applications

FEATURES

- Broad speed range thanks to 4-speed gearbox
- Short and compact overall length (approx. 280 mm)
- Trigger lock for continuous operation
- Precision tool holder for exact concentricity and high power transmission
- Powerful, robust 2000 W motor with clockwise/anticlockwise rotation
- Electronic for constant speed control
- Speed infinitely adjustable with adjusting dial in every gear
- Very high torque in 1st gear (> 250 Nm)
- Maintenance-free 4-speed gearbox with lifetime lubrication
- User-friendly positioning of clockwise/anticlockwise selector switch and speed regulator
- Light alloy housing

ORDER-NO. D 38 RLE

Standard specification: DUSS D 38 RLE 4-speed rotary drill, taper drift.



TECHNICAL DATA	D 38 RLE
Rated power	2000 W
Drilling range in	
steel with drill bit	up to dia. 32 mm
wood with drill bit	up to dia. 130 mm
polypropylene with LS core cutter	up to dia. 600 mm
Rated speed 1st/2nd/3rd/4th gear	120/210/380/650 rpm
Machine weight	8.6 kg
Spindle collar dia.	70 mm
Chuck	MT 3 morse taper

ACCESSORIES



ATTACHMENT CLUTCH

for safe and hand-held application, maximum operating torque 200 Nm, MT 3 morse taper shank, socket holder with 1/2" square

ORDER-NO. VSKU



SCREW HANDLE

for safe and hand-held application

ORDER-NO. D38-SH



MT3/MT2 REDUCTION

SLEEVE for tools with MT 2 morse taper

ORDER-NO. D 324



MT3/MT1 REDUCTION

SLEEVE for tools with MT 1 morse taper

ORDER-NO. D 323



MT 3 CHUCK ARBOR

for F 13 three-jaw chuck

ORDER-NO. D 322



THREE-JAW CHUCK

clamping capacity 1 - 13 mm, for drills with cylindrical shank, screw bits, etc.

ORDER-NO. F 13

P 16 SDS



APPLICATIONS

- Drilling anchor holes, also overhead
- Drilling through-holes up to dia. 24 mm for heating pipes, electrical cables, etc.
- Installing and removing screws
- Interior outfitting, metal and wooden structures
- Installing electrical, plumbing and heating systems

FEATURES

- User-friendly, thanks to light weight
- Safety clutch with gentle starting torque (protects against injuries, overloading and tool breakages)
- Speed and impact force infinitely adjustable with pushbutton switch for gentle drilling with pinpoint accuracy
- Clockwise/anticlockwise selector switch
- Trigger lock, ensuring non-fatiguing continuous operation, such as drilling rows of holes
- Vibration damped percussion mechanism
- Hammer action off-switch for drilling into wood, steel, tiles, etc.
- Rapid tool change
- Robust construction (outside: fibreglass reinforced polyamide; inside: magnesium housing)

ORDER-NO. P 16 SDS

Standard specification: Duss P 16 SDS rotary hammer, side handle, tube of grease, dust cup, depth stop, carrying case for machine and tools.



TECHNICAL DATA	P 16 SDS
Rated power	600 W
Drilling range with drill bit	dia. 5 - 24 mm
Drilling range in steel	up to dia. 13 mm
Drilling perf. in hard concrete C45/55 (dia. 14 mm)	330 mm/min
Single impact energy	0 - 2.2 J
Rated speed	0 - 810 rpm
Impact rate, adjustable	0 - 4400 impacts/min
Machine weight	2.7 kg
Chuck	SDS-plus

P 26 SDS



APPLICATIONS

- Drilling anchor holes, also overhead
- Drilling through-holes up to dia. 30 mm for heating pipes, electrical cables, etc.
- Sinking sockets in masonry up to dia. 82 mm
- Facade construction, metal and wooden structures
- Installing electrical, plumbing and heating systems

FEATURES

- Safety clutch with gentle starting torque (protects against injuries, overloading and tool breakages)
- Speed and impact force infinitely adjustable with pushbutton switch for gentle drilling with pinpoint accuracy
- Trigger lock, ensuring non-fatiguing continuous operation, such as drilling rows of holes
- Vibration damped percussion mechanism
- Vibration damping elements
- Hammer action off-switch for drilling into wood, steel, tiles, etc.
- Rapid tool change
- Robust construction (outside: fibreglass reinforced polyamide; inside: magnesium housing)

ORDER-NO. P 26 SDS

Standard specification: DUSS P 26 SDS rotary hammer, side handle, tube of grease, dust cup, depth stop, carrying case for machine and tools.



TECHNICAL DATA

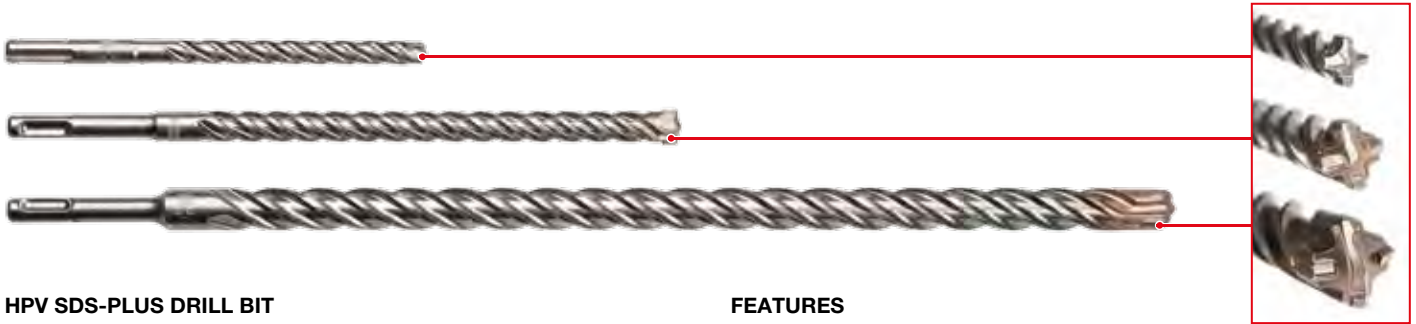
P 26 SDS

Rated power	710 W
Drilling range with drill bit	dia. 5 - 30 mm
Drilling range with core bit	dia. 40 - 82 mm
Drilling range in steel	up to dia. 13 mm
Drilling perf. in hard concrete C45/55 (dia. 20 mm)	240 mm/min
Single impact energy	0 - 3.6 J
Rated speed	0 - 700 rpm
Impact rate, adjustable	0 - 3700 impacts/min
Machine weight	3.6 kg
Chuck	SDS-plus

TOOLS · ACCESSORIES

P 16 SDS · P 26 SDS · P 26 C*

SDS-PLUS



HPV SDS-PLUS DRILL BIT

with 4 solid carbide cutting edges, 4-spiral

APPLICATIONS

- For drilling in concrete, reinforced concrete, masonry and natural stone

FEATURES

- Maximum service life
- Low-vibration operation, high running smoothness
- Protection against jamming in case of reinforcement hits
- Excellent durability
- Fast removal of drill dust



HPV HAMMER DRILL BIT

SDS-PLUS

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
5	50	115	HPV 505
5	100	165	HPV 510
6	50	115	HPV 605
6	100	165	HPV 610
6	150	215	HPV 615
6	200	265	HPV 620
6	250	315	HPV 625
6.5	150	215	HPV 6515
6.5	250	315	HPV 6525
8	100	165	HPV 810
8	150	215	HPV 815
8	200	265	HPV 820
8	250	315	HPV 825
8	400	465	HPV 840
8	540	605	HPV 855
10	100	165	HPV 1010
10	150	215	HPV 1015
10	200	265	HPV 1020

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
10	390	455	HPV 1040
10	540	600	HPV 1055
10	940	1000	HPV 1095
12	110	160	HPV 1210
12	160	210	HPV 1215
12	210	260	HPV 1220
12	260	310	HPV 1225
12	400	450	HPV 1240
12	950	1000	HPV 1295
14	110	160	HPV 1410
14	210	260	HPV 1420
14	260	310	HPV 1425
14	400	450	HPV 1440
14	550	600	HPV 1455
14	950	1000	HPV 1495
15	210	260	HPV 1520
16	260	310	HPV 1625
16	400	450	HPV 1640

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
16	550	600	HPV 1655
16	950	1000	HPV 1695
18	200	250	HPV 1820
18	400	450	HPV 1840
20	200	250	HPV 2020
20	400	450	HPV 2040
22	200	250	HPV 2220
22	400	450	HPV 2240
24	200	250	HPV 2420
24	400	450	HPV 2440
25**	200	250	HPV 2520
25**	400	450	HPV 2540
28**	400	450	HPV 2840
30**	200	250	HPV 3020
30**	400	450	HPV 3040
32**	400	450	HPV 3240

* Only suitable for P 26 SDS and P 26 C



DUST CUP

for drilling overhead up to dia. 10 mm

ORDER-NO. SK 17



SUCTION CUPS

for dust-free dry drilling up to dia. 12 mm

ORDER-NO. ASG 12

for clean drilling up to drilling dia. 68 mm

ORDER-NO. ASG 68

Further information can be found on page 81.

* P 26 C can be found on page 20.



CHUCK ADAPTER

SDS-plus, for F 19 keyless chuck, for drilling in wood, steel, etc. (for impact-free drilling), overall length 60 mm

ORDER-NO. DP SDS



KEYLESS CHUCK

clamping capacity 1.5 - 13 mm, for wood and steel drill bits, screwing and mixing tools, hole saws, etc.

ORDER-NO. F 19



HOLE SAWS – FAST AND PRECISE CUT, BIMETAL AND CARBIDE TIPPED

for installation holes of the highest precision as well as for universal use. Further information can be found on page 85 and from page 92 onwards.

P 26 SDS · P 26 C*

SDS-PLUS



1 · ADAPTER for CP core bit with integrated pilot drill bit **SDS-PLUS**

Overall length mm	ORDER-NO.
175	DPC 1
340	DPC 2
440	DPC 3



2 · CORE BIT

Drilling dia. mm	Overall length mm	ORDER-NO.
40	70	CP 40
50	70	CP 50
68	70	CP 68
82	70	CP 82

P 26 C · PK 2*

SDS-PLUS



CHISELS

SDS-PLUS

	Blade width mm	Overall length mm	ORDER-NO.
3 · SMP POINTED CHISEL	-	250	SMP 1
4 · FMP NARROW FLAT CHISEL	20	250	FMP 2
5 · BMP SPADE CHISEL	40	250	BMP 3
6 · LMP TILE CHISEL	40	250	LMP 4
7 · HMP HOLLOW CHISEL	22	250	HMP 5



DUST EXTRACTOR

for chiselling work. Further information can be found on page 82. **ORDER-NO. MASH 3**

* P 26 C can be found on page 20, PK 2 can be found on page 38.

COMBI HAMMERS



TECHNICAL DATA	P 26 C	P 30	P 60 A
Rated power (W)	710	710	1000
Speed and impact force adjustable with S = pushbutton switch, D = adjusting dial	S	S, D	D
Electronic for constant speed control Full load speed = No load speed	-	•	•
Trigger lock for continuous operation	•	•	•
Vibration damping elements between main handle and machine	•	•	RVA
Drilling range with drill bit (dia. mm)	5 - 30	5 - 35	8 - 55
Drilling range with core bit (dia. mm)	40 - 82	45 - 82	55 - 100
Chiselling perf. in hard concrete C45/55 with pointed chisel (kg/h)	approx. 50	approx. 80	approx. 105
Single impact energy (J)	0 - 3.6	0 - 5.7	3.3 - 8.5
Rated speed (rpm)	0 - 700	0 - 390	130 - 250
Impact rate, infinitely adjustable (impacts/min)	0 - 3700	0 - 3000	1670 - 3200
Preselection of speed and impact force	-	•	•
Machine weight (kg)	3.9	4.5	7.2
Chuck	SDS-plus	13 mm hexagon	19 mm hexagon
Can be found on page	20	21	24



P 90	PX 48 A	PX 76	PX 78	PX 96
1100	920	1050	1500	1300
D	S, D	D	D	D
•	•	•	•	•
•	•	•	•	•
•	RVA	•	RVA	•
8 - 80	8 - 55	12 - 80	12 - 80	12 - 80
55 - 125	45 - 90	45 - 150	45 - 150	45 - 150
approx. 160	approx. 125	approx. 150	approx. 200	approx. 220
4.3 - 10.5	0 - 7	3.5 - 8.5	4.5 - 10	4.5 - 11
110 - 200	0 - 480	140 - 280	170 - 310	120 - 260
1650 - 2780	0 - 3700	1500 - 3000	1800 - 3370	1500 - 2700
•	•	•	•	•
8.0	5.5	6.7	7.6	8.6
19 mm hexagon	SDS-max	SDS-max	SDS-max	SDS-max
25	28	29	30	31

P 26 C



APPLICATIONS

- Drilling anchor holes
- Drilling through-holes up to dia. 30 mm for heating pipes, electrical cables, etc.
- Sinking sockets in masonry up to dia. 82 mm
- Light chiselling work
- Repair work, also overhead
- Precision chiselling work
- Facade construction, metal and wooden structures
- Installing electrical, plumbing and heating systems

FEATURES

- Speed and impact force infinitely adjustable with pushbutton switch for gentle drilling and chiselling with pinpoint accuracy
- Rapid changeover from hammer drilling to chiselling and vice versa
- Chisel can be positioned in twenty ways
- Vibration damping elements
- Maintenance-free (with lifetime lubrication)
- Rapid tool change
- Low-wear safety clutch

ORDER-NO. P 26 C

Standard specification: Duss P 26 C combi hammer, side handle, tube of grease, dust cup, depth stop, carrying case for machine and tools.



TECHNICAL DATA

P 26 C

Rated power	710 W
Drilling range with drill bit	dia. 5 - 30 mm
Drilling range with core bit	dia. 40 - 82 mm
Drilling perf. in hard concrete C45/55 (dia. 14 mm)	460 mm/min
Drilling perf. in hard concrete C45/55 (dia. 20 mm)	240 mm/min
Chiselling perf. in hard concrete C45/55 with pointed chisel	approx. 50 kg/h
Single impact energy	0 - 3.6 J
Rated speed	0 - 700 rpm
Impact rate, adjustable	0 - 3700 impacts/min
Machine weight	3.9 kg
Chuck	SDS-plus

P 30



APPLICATIONS

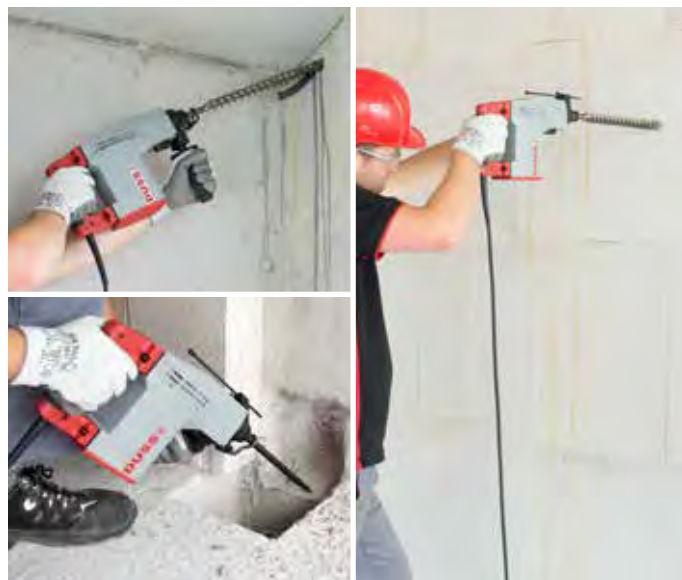
- Drilling anchor holes, fastening cladding panels
- Overhead work and drilling rows of holes
- Sinking sockets
- Chasing grooves and slots
- Removing plaster and tiles
- Cleaning up surfaces
- Precision repair work

FEATURES

- Electronic for constant speed control
- Speed and impact force infinitely adjustable with pushbutton switch/adjusting dial
- Rapid changeover from hammer drilling to chiselling and vice versa
- Chisel can be positioned in twenty ways
- Vibration damping elements
- Maintenance-free (with lifetime lubrication)
- Rapid tool change
- Low-wear safety clutch

ORDER-NO. P 30

Standard specification: Duss P 30 combi hammer, side handle, tube of grease, dust cup, carrying case for machine and tools.



TECHNICAL DATA

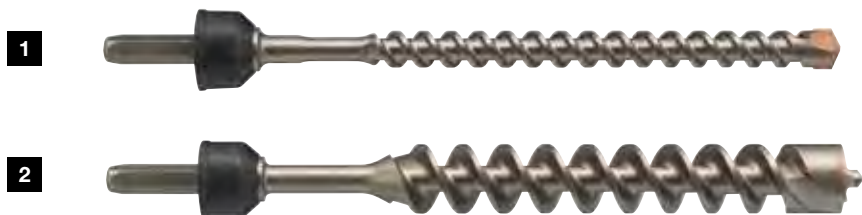
P 30

Rated power	710 W
Drilling range with drill bit	dia. 5 - 35 mm
Drilling range with core bit	dia. 45 - 82 mm
Drilling perf. in hard concrete C45/55 (dia. 22 mm)	180 mm/min
Chiselling perf. in hard concrete C45/55 with pointed chisel	approx. 80 kg/h
Single impact energy	0 - 5.7 J
Rated speed	0 - 390 rpm
Impact rate, adjustable	0 - 3000 impacts/min
Machine weight	4.5 kg
Chuck	13 mm hexagon

TOOLS · ACCESSORIES

P 30

13 MM HEXAGON



1 - H HAMMER DRILL BIT double spiral, with guard

13 MM HEXAGON

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
18	260	350	H 2182
18	410	500	H 2184
18	600	690	H 2186
18	800	890	H 2188
20	150	240	H 2201
20	260	350	H 2202
20	410	500	H 2204
22	150	240	H 2221
22	260	350	H 2222
22	410	500	H 2224
22	600	690	H 2226
22	800	890	H 2228

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
24	150	240	H 2241
24	260	350	H 2242
24	410	500	H 2244
25	260	350	H 2252
25	410	500	H 2254
25	600	690	H 2256
26	150	240	H 2261
28	260	350	H 2282
28	410	500	H 2284
30	260	350	H 2302
30	410	500	H 2304

2 - H HAMMER DRILL BIT double spiral with piercing point, with guard

13 MM HEXAGON

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
32	260	350	H 2322
32	410	500	H 2324
35	260	350	H 2352

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
35	410	500	H 2354
43	450	540	H 2434



3 - CD CORE BIT with ZX 13 pilot drill bit, with guard

13 MM HEXAGON

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
45	180	300	CD 2401
45	400	520	CD 2403
50	180	300	CD 2521
50	400	520	CD 2523



4

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
68	180	300	CD 2661
68	400	520	CD 2663
82	180	300	CD 2801
82	400	520	CD 2803

4 - ZX 13 PILOT DRILL BIT for CD core bit, drilling dia. 11 mm, overall length 135 mm

ZX 13



QUICK RELEASE CHUCK

13 mm hexagon, for SDS-plus drill bits (can be found on page 16) and HR, HRS and HDR drill bits, with guard, overall length 170 mm
ORDER-NO. DU 2



DUST CUP

for overhead drilling with SDS-plus drill bits (can be found on page 16) up to dia. 10 mm
ORDER-NO. SK 17



SUCTION CUPS

for dust-free dry drilling up to drilling dia. 12 mm
ORDER-NO. ASG 12
 for clean drilling up to drilling dia. 68 mm.
ORDER-NO. ASG 68

Further information can be found on page 81.



ADAPTER

13 mm hexagon, for F keyless chuck (for impact-free drilling), overall length 110 mm
ORDER-NO. DF 2



KEYLESS CHUCK

clamping capacity 1.5 - 13 mm, for wood and steel drill bits, screwdriving and mixing tools, hole saws, etc.
ORDER-NO. F



CHISELS with guard

13 MM HEXAGON

	Blade width mm	Overall length mm	ORDER-NO.
1 - SM POINTED CHISEL			
	-	340	SM 21
	-	500	SM 26
2 - FM NARROW FLAT CHISEL			
	20	340	FM 22
	20	500	FM 27
3 - BM WIDE FLAT CHISEL			
	40	340	BM 23
	50	340	BM 29
4 - HM HOLLOW CHISEL			
	20	250	HM 24



DUST EXTRACTOR

for chiselling and demolition work. Further information can be found on page 82.
ORDER-NO. MASH 1



EXTENSION

for use of chisels with an overall length of 490 mm to 670 mm
ORDER-NO. VLMA

P 60 A



APPLICATIONS

- Drilling medium-sized holes
- Sinking sockets
- Medium-category chiselling work
- Chasing grooves and slots
- Repair work

FEATURES

- Active vibration damping (RVA), ensuring comfortable continuous use
- Screw-in, vibration damped auxiliary handle for non-fatiguing, back-saving posture when chiselling downwards
- LED display for optimum service planning
- Consistently high engine output thanks to optimised engine cooling
- Electronic for constant speed control
- Speed and impact force infinitely adjustable with adjusting dial
- Rapid changeover from hammer drilling to chiselling and vice versa
- Chisel can be positioned in twenty ways
- Maintenance-free (with lifetime lubrication)
- Low-wear safety clutch

ORDER-NO. P 60 A

Standard specification: DUSS P 60 A combi hammer, side handle, auxiliary handle, tube of grease, carrying case for machine and tools.



TECHNICAL DATA

P 60 A

Rated power	1000 W
Drilling range with drill bit	dia. 8 - 55 mm
Drilling range with core bit	dia. 55 - 100 mm
Drilling perf. in hard concrete C45/55 (dia. 30 mm)	130 mm/min
Chiselling perf. in hard concrete C45/55 with pointed chisel	approx. 105 kg/h
Single impact energy	3.3 - 8.5 J
Rated speed	130 - 250 rpm
Impact rate, adjustable	1670 - 3200 impacts/min
Machine weight	7.2 kg
Chuck	19 mm hexagon
Vibration data	drilling/chiselling
Normal setting	8.9/7.3 m/s ²
Compressor setting	8.2/6.8 m/s ²

P 90



APPLICATIONS

- Drilling large, deep holes
- Drilling rows of large holes
- Heavy-category chiselling work
- Producing breaches and openings
- Making recesses

FEATURES

- Electronic for constant speed control
- Speed and impact force infinitely adjustable with adjusting dial
- Rapid changeover from hammer drilling to chiselling and vice versa
- Chisel can be positioned in twenty ways
- Vibration damping elements
- Maintenance-free (with lifetime lubrication)
- Low-wear safety clutch

ORDER-NO. P 90

Standard specification: Duss P 90 combi hammer, side handle, tube of grease, carrying case for machine and tools.



TECHNICAL DATA

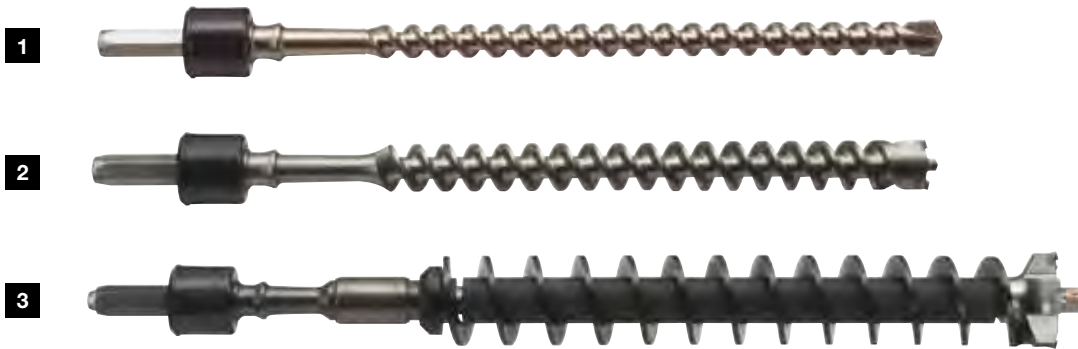
P 90

Rated power	1100 W
Drilling range with drill bit	dia. 8 - 80 mm
Drilling range with core bit	dia. 55 - 125 mm
Drilling perf. in hard concrete C45/55 (dia. 35 mm)	120 mm/min
Chiselling perf. in hard concrete C45/55 with pointed chisel	approx. 160 kg/h
Single impact energy	4.3 - 10.5 J
Rated speed	110 - 200 rpm
Impact rate, adjustable	1650 - 2780 impacts/min
Machine weight	8.0 kg
Chuck	19 mm hexagon

TOOLS · ACCESSORIES

P 60 A · P 90

19 MM HEXAGON



1 - H HAMMER DRILL BIT with carbide-tipped double spiral, with guard

19 MM HEXAGON

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
16	200	380	H 3162
16	410	570	H 3164
18	200	380	H 3182
18	410	570	H 3184
18	800	980	H 3188
19	410	570	H 3194
20	260	420	H 3202
20	410	570	H 3204
22	260	420	H 3222
22	410	570	H 3224
22	600	770	H 3226
24	260	420	H 3242
25	260	420	H 3252
25	410	570	H 3254

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
25	600	770	H 3256
25	900	1020	H 3259
25	1200	1360	H 32512
27	410	570	H 3274
28	260	420	H 3282
28	410	570	H 3284
30	100	260	H 3301
30	260	420	H 3302
30	410	570	H 3304
30	600	770	H 3306
30	900	1020	H 3309
30	1200	1360	H 33012
32	260	420	H 3322
32	410	570	H 3324

2 - H HAMMER DRILL BIT with carbide-tipped double spiral with piercing points, with guard

19 MM HEXAGON

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
35	260	420	H 3352
35	410	570	H 3354
35	900	1060	H 3359
35	1200	1360	H 33512

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
40	260	420	H 3402
40	410	570	H 3404
40	900	1060	H 3409

3 - H HAMMER DRILL BIT with piercing points, with guard

19 MM HEXAGON

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
46	500	700	H 3465
46	900	1100	H 3469
46	1200	1400	H 34612
55	500	700	H 3555
55	900	1100	H 3559

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
55	1200	1400	H 35512
66*	500	700	H 3665
66*	900	1100	H 3669
80*	500	700	H 3805
80*	900	1100	H 3809

* Only suitable for P 90



QUICK RELEASE CHUCK

19 mm hexagon, for SDS-plus drill bits (can be found on page 16) and HR, HRS and HDR drill bits, with guard, overall length 230 mm, only suitable for P 60 A
ORDER-NO. DU 3



DUST CUP

for overhead drilling with SDS-plus drill bits (can be found on page 16) up to dia. 10 mm
ORDER-NO. SK 17



SUCTION CUP

for clean drilling up to drilling dia. 68 mm. Further information can be found on page 81.
ORDER-NO. ASG 68



4 · CD CORE BIT with ZX 13 pilot drill bit, with guard

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
55	185	345	CD 3521
55	485	645	CD 3525
68	185	345	CD 3661
68	485	645	CD 3665
82	185	345	CD 3801
82	485	645	CD 3805

5 · ZX 13 PILOT DRILL BIT for CD core bit, drilling dia. 11 mm



19 MM HEXAGON

Drilling dia. mm	Working length mm	Overall length mm	ORDER-NO.
90	185	345	CD 3901
90	485	645	CD 3905
100	185	345	CD 31041
100	485	645	CD 31045
125*	185	345	CD 31291
125*	485	645	CD 31295

ZX 13

* Only suitable for P 90



CHISELS with guard

19 MM HEXAGON

	Blade width mm	Working length mm	Overall length mm	ORDER-NO.
6 · SM POINTED CHISEL				
	-	140	340	SM 322
	-	260	420	SM 342
	-	400	560	SM 356
7 · FM NARROW FLAT CHISEL				
	26	140	340	FM 324
	26	260	420	FM 344
	26	400	560	FM 358
8 · BM WIDE FLAT CHISEL				
	40	260	420	BM 346
	50	260	420	BM 348
9 · SP SPADE CHISEL				
	100	270	430	SP 306
10 · HM HOLLOW CHISEL				
	25	-	310	HM 351



DUST EXTRACTOR

for chiselling and demolition work. Further information can be found on page 82.
ORDER-NO. MASH 2



EXTENSION

for use of chisels with overall length of 490 mm to 670 mm
ORDER-NO. VLMA

PX 48 A



APPLICATIONS

- Drilling anchor holes, fastening cladding panels
- Overhead work and drilling rows of holes
- Sinking sockets
- Removing plaster and tiles
- Cleaning up surfaces
- Chasing grooves and slots
- Precision repair work

FEATURES

- Outstanding drilling and chiselling performance
- Active vibration damping (RVA), ensuring comfortable continuous use
- Exceptionally light weight
- Electronic for constant speed control
- Speed and impact force infinitely adjustable with pushbutton switch/adjusting dial
- Rapid changeover from hammer drilling to chiselling and vice versa
- Chisel can be positioned in twenty ways
- Maintenance-free (with lifetime lubrication)
- Low-wear safety clutch

ORDER-NO. PX 48 A

Standard specification: DUSS PX 48 A combi hammer, side handle, tube of grease, carrying case for machine and tools.



TECHNICAL DATA

PX 48 A

Rated power	920 W
Drilling range with drill bit	dia. 8 - 55 mm
Drilling range with core bit	dia. 45 - 90 mm
Drilling perf. in hard concrete C45/55 (dia. 25 mm)	270 mm/min
Chiselling perf. in hard concrete C45/55 with pointed chisel	approx. 125 kg/h
Single impact energy	0 - 7 J
Rated speed	0 - 480 rpm
Impact rate, adjustable	0 - 3700 impacts/min
Machine weight	5.5 kg
Chuck	SDS-max
Vibration data	drilling/chiselling
Normal setting	6.8/5.5 m/s ²

PX 76



APPLICATIONS

- Drilling medium-sized holes
- Drill through-holes
- Sinking sockets
- Medium-category chiselling work
- Chasing grooves and slots
- Repair work

FEATURES

- Electronic for constant speed control
- Speed and impact force infinitely adjustable with adjusting dial
- Rapid changeover from hammer drilling to chiselling and vice versa
- Chisel can be positioned in twenty ways
- Vibration damping elements
- Maintenance-free (with lifetime lubrication)
- Low-wear safety clutch

ORDER-NO. PX 76

Standard specification: DUSS PX 76 combi hammer, side handle, tube of grease, carrying case for machine and tools.



TECHNICAL DATA

PX 76

Rated power	1050 W
Drilling range with drill bit	dia. 12 - 80 mm
Drilling range with core bit	dia. 45 - 150 mm
Drilling perf. in hard concrete C45/55 (dia. 35 mm)	120 mm/min
Chiselling perf. in hard concrete C45/55 with pointed chisel	approx. 150 kg/h
Single impact energy	3.5 - 8.5 J
Rated speed	140 - 280 rpm
Impact rate, adjustable	1500 - 3000 impacts/min
Machine weight	6.7 kg
Chuck	SDS-max

PX 78



APPLICATIONS

- Drilling medium-sized holes
- Drill through-holes
- Sinking sockets
- Medium-category chiselling work
- Chasing grooves and slots
- Repair work

FEATURES

- Outstanding drilling and chiselling performance
- Active vibration damping (RVA), ensuring comfortable continuous use
- Screw-in, vibration damped auxiliary handle for non-fatiguing, back-saving posture when drilling and chiselling downwards
- LED display for optimum service planning
- Consistently high engine output thanks to optimised engine cooling
- Electronic for constant speed control
- Speed and impact force infinitely adjustable with adjusting dial
- Rapid changeover from hammer drilling to chiselling and vice versa
- Chisel can be positioned in twenty ways
- Maintenance-free (with lifetime lubrication)
- Low-wear safety clutch

ORDER-NO. PX 78

Standard specification: Duss PX 78 combi hammer, side handle, auxiliary handle, tube of grease, carrying case for machine and tools.



TECHNICAL DATA

PX 78

Rated power	1500 W
Drilling range with drill bit	dia. 12 - 80 mm
Drilling range with core bit	dia. 45 - 150 mm
Drilling perf. in hard concrete C45/55 (dia. 35 mm)	160 mm/min
Chiselling perf. in hard concrete C45/55 with pointed chisel	approx. 200 kg/h
Single impact energy	4.5 - 10 J
Rated speed	170 - 310 rpm
Impact rate, adjustable	1800 - 3370 impacts/min
Machine weight	7.6 kg
Chuck	SDS-max
Vibration data	drilling/chiselling
Normal setting	9.8/6.8 m/s ²
Compressor setting	8.2/6.3 m/s ²

PX 96



APPLICATIONS

- Drilling large, deep holes
- Drilling rows of medium-sized holes
- Heavy-category chiselling work
- Producing breaches and openings
- Making recesses

FEATURES

- Electronic for constant speed control
- Speed and impact force infinitely adjustable with adjusting dial
- Rapid changeover from hammer drilling to chiselling and vice versa
- Chisel can be positioned in twenty ways
- Vibration damping elements
- Maintenance-free (with lifetime lubrication)
- Low-wear safety clutch

ORDER-NO. PX 96

Standard specification: DUSS PX 96 combi hammer, side handle, tube of grease, carrying case for machine and tools.



TECHNICAL DATA

PX 96

Rated power	1300 W
Drilling range with drill bit	dia. 12 - 80 mm
Drilling range with core bit	dia. 45 - 150 mm
Drilling perf. in hard concrete C45/55 (dia. 35 mm)	155 mm/min
Chiselling perf. in hard concrete C45/55 with pointed chisel	approx. 220 kg/h
Single impact energy	4.5 - 11 J
Rated speed	120 - 260 rpm
Impact rate, adjustable	1500 - 2700 impacts/min
Machine weight	8.6 kg
Chuck	SDS-max

TOOLS · ACCESSORIES

PX 48 A · PX 76 · PX 78 · PX 96

SDS-MAX



1 - HX HAMMER DRILL BIT

SDS-MAX

Drilling dia. mm	Working length mm	Overall length mm	ORDER- NO.
12	200	340	HX 122
12	400	540	HX 124
12	600	740	HX 125
14	200	340	HX 142
14	400	540	HX 144
15	200	340	HX 152
15	400	540	HX 154
16	200	340	HX 162
16	400	540	HX 164
18	200	340	HX 182
18	400	540	HX 184
20	200	320	HX 202
20	400	520	HX 204
20	800	920	HX 208
22	200	320	HX 222

Drilling dia. mm	Working length mm	Overall length mm	ORDER- NO.
22	400	520	HX 224
22	800	920	HX 228
24	200	320	HX 242
24	400	520	HX 244
25	200	320	HX 252
25	400	520	HX 254
25	800	920	HX 258
28	200	320	HX 282
28	400	520	HX 284
30	400	520	HX 304
32	400	520	HX 324
32	800	920	HX 328
35	400	520	HX 354
40	400	520	HX 404

2 - HX BREAKTHROUGH DRILL BIT

SDS-MAX

Drilling dia. mm	Working length mm	Overall length mm	ORDER- NO.
46	500	620	HX 465
46	900	1020	HX 469
55	500	620	HX 555
55	900	1020	HX 559

Drilling dia. mm	Working length mm	Overall length mm	ORDER- NO.
66*	500	620	HX 665
66*	900	1020	HX 669
80*	500	620	HX 805
80*	900	1020	HX 809

* Only suitable for PX 76, PX 78 and PX 96



QUICK RELEASE CHUCK

SDS-max, for SDS-plus drill bits (can be found on page 16), overall length 220 mm, only suitable for PX 48 A

ORDER-NO. DX SDS



ADAPTER

SDS-max, for F 19 keyless chuck (for impact-free drilling)

ORDER-NO. DXF



KEYLESS CHUCK

clamping capacity 1.5 - 13 mm, for wood and steel drill bits, screwdriving and mixing tools, hole saws, etc.

ORDER-NO. F 19



3 · DXC ADAPTER for CX core bit

Overall length mm	ORDER-NO.
200	DXC 2



4 · CX CORE BIT with ZX 13 pilot drill bit

Drilling dia. mm	Overall length mm	ORDER-NO.
45	80	CX 45
50	80	CX 50
55	80	CX 55
68	80	CX 68
82	80	CX 82



5 · ZX 13 PILOT DRILL BIT, drilling dia. 11 mm, overall length 135 mm

SDS-MAX

Overall length mm	ORDER-NO.
460	DXC 4

Drilling dia. mm	Overall length mm	ORDER-NO.
90	80	CX 90
100*	80	CX 100
125*	80	CX 125
150*	80	CX 150

ZX 13

* Only suitable for PX 76, PX 78 and PX 96



SUCTION CUP

for clean drilling up to drilling dia. 68 mm. Further information can be found on page 81.

ORDER-NO. ASG 68



DUST EXTRACTOR

for chiselling and demolition work. Further information can be found on page 82.

ORDER-NO. MASH 2



EXTENSION

for use of chisels with an overall length of 490 mm to 670 mm

ORDER-NO. VLMA

TOOLS · ACCESSORIES

PX 48 A · PX 76 · PX 78 · PX 96

SDS-MAX



HXA SDS-MAX SUCTION DRILL BIT

with solid carbide cutting edges and internal dust extraction system

APPLICATIONS

- For dust-free drilling in concrete, masonry and natural stone
- Especially when working in closed rooms
- Adhesive or bonded anchors
- Subsequent reinforcement connections
- Suitable for all SDS-max rotary hammers and combi hammers, also for other manufacturers' machines

FEATURES

- Drilling dust is extracted at the point of origin in the borehole
- Drilling and suction in one step
- Noticeably higher drilling speed due to optimum drill dust removal
- Dust-free working environment to protect the user
- Universal vacuum cleaner adapter fits all common industrial vacuum cleaners
- Longer service life of machine component

HXA SUCTION DRILL BIT

SDS-MAX

Drilling dia. mm	Working length mm	Overall length mm	ORDER- NO.
16	400	600	HXA 1640
18	400	600	HXA 1840
20	400	600	HXA 2040
22	400	600	HXA 2240
25	400	600	HXA 2540
28	250	470	HXA 2825
28	400	620	HXA 2840
28	700	920	HXA 2870
30	250	470	HXA 3025
30	400	620	HXA 3040
30	700	920	HXA 3070
32	250	470	HXA 3225
32	400	620	HXA 3240
32	700	920	HXA 3270
33	250	470	HXA 3325
33	400	620	HXA 3340
33	700	920	HXA 3370
35	250	470	HXA 3525
35	400	620	HXA 3540
35	700	920	HXA 3570
36	250	470	HXA 3625

Drilling dia. mm	Working length mm	Overall length mm	ORDER- NO.
36	400	620	HXA 3640
36	700	920	HXA 3670
40	250	475	HXA 4025
40	400	625	HXA 4040
40	700	925	HXA 4070
45	250	475	HXA 4525
45	400	625	HXA 4540
45	700	925	HXA 4570
55	250	480	HXA 5525
55	400	630	HXA 5540
55	700	930	HXA 5570
66	250	475	HXA 6625
66	400	625	HXA 6640
66	700	925	HXA 6670
80	250	475	HXA 8025
80	400	625	HXA 8040
80	700	925	HXA 8070
90	250	480	HXA 9025
90	400	630	HXA 9040
90	700	930	HXA 9070

PX 48 A · PX 76 · PX 78 · PX 96 · PKX 4 A · PKX 7

SDS-MAX



CHISELS

SDS-MAX

	Blade width mm	Overall length mm	ORDER- NO.
1 · SMX POINTED CHISEL			
	-	280	SMX 2
	-	400	SMX 4
	-	600	SMX 6
2 · FMX NARROW FLAT CHISEL			
	25	280	FMX 2
	25	400	FMX 4
	25	600	FMX 6
3 · SPX SPADE CHISEL			
	50	400	SPX 5
	80	300	SPX 8
	110	350	SPX 9
4 · HMX HOLLOW CHISEL			
	26	300	HMX 3
5 · KMX GOUGE			
	32	300	KMX 4
6 · LMX TILE CHISEL			
	50	400	LMX 1
7 · STX BUSHING TOOL			
	40 x 40	300	STX 7
8 · SCX SCRAPER CHISEL for removing linoleum, vinyl tiles, coatings, bitumen panels, plaster and adhesive remains, only suitable for PX 48 A and PKX 4 A			
	100	420	SCX 1
	150	450	SCX 2
9 · ERS SPARE SCRAPER for SCX scraper chisel			
	100	-	ERS 1
	150	-	ERS 2

PKX 4 A · PKX 7



DUST EXTRACTOR

for chiselling and demolition work. Further information can be found on page 82. **ORDER-NO. MASP**

BREAKERS AND DEMOLITION HAMMERS



TECHNICAL DATA	PK 2	PKX 4 A	PKX 7	PK 35
Rated power (W)	710	820	1150	680
Impact rate and force adjustable with S= pushbutton switch, D = adjusting dial	S	S, D	D	S
Electronic for constant impact rate control Full load impact rate = No load impact rate	-	•	•	-
Trigger lock for continuous operation	•	•	•	•
Vibration damping elements between main handle and machine	•	RVA	RVA	•
Chiselling perf. in hard concrete C45/55 with pointed chisel (kg/h)	approx. 55	approx. 135	approx. 280	approx. 90
Single impact energy (J)	0 - 3.6	0 - 8.4	5 - 10.5	0 - 5.3
Impact rate, infinitely adjustable (impacts/min)	0 - 3700	0 - 3200	1500 - 2900	0 - 3400
Machine weight (kg)	3.6	5.4	7.3	3.7
Chuck	SDS-plus	SDS-max	SDS-max	16 mm hexagon
Can be found on page	38	40	41	42



PK 45 · PK 45 A	PK 75 · PK 75 A	PK 160 A	PK 300 A	PK 600
710	1050 / 1150	1300	1700	2000
S, D	D	D	D	D
•	•	•	•	•
•	•	•	•	•
• / RVA	• / RVA	RVA	RVA	RVA
approx. 100	approx. 260 / approx. 280	approx. 475	approx. 730	approx. 1220
0 - 6.4	5 - 9.5 / 5 - 10.5	10 - 18	14 - 27	18 - 41
0 - 3000	1500 - 2900	1200 - 2200	1000 - 1900	850 - 1500
4.5 / 4.9	6.2 / 6.6	9.8	13.6	17.4
16 mm hexagon	16 mm hexagon	22 mm hexagon	22 mm hexagon	22 mm hexagon
43	44	46	47	48

PK 2



APPLICATIONS

- Overhead work
- Removing plaster, tiles and mortar residues
- Light and precision chiselling and repair work in concrete, masonry and wood with lightweight tools
- Exposing steel reinforcing bars
- Chasing grooves and slots
- Cleaning up surfaces and renovation works

FEATURES

- Lightest Duss breaker with high-powered performance
- Convenient handling also at workplaces with difficult access thanks to the compact construction
- Excellent weight/performance ratio for effortless working
- Perfectly harmonised percussion mechanism for highest reliability
- Trigger lock, ensuring non-fatiguing work
- Side handle with a gummed surface and main handle with softgrip for optimal machine control
- Impact rate and impact force infinitely adjustable with pushbutton switch
- Chisel can be positioned in twelve ways
- Vibration damping elements
- Maintenance-free (with lifetime lubrication)

ORDER-NO. PK 2

Standard specification: Duss PK 2 breaker, side handle, tube of grease, carrying case for machine and tools.



TECHNICAL DATA

PK 2

Rated power	710 W
Chiselling perf. in hard concrete C45/55 with pointed chisel	approx. 55 kg/h
Single impact energy	0 - 3.6 J
Impact rate, adjustable	0 - 3700 impacts/min
Machine weight	3.6 kg
Chuck	SDS-plus



PKX 4 A



APPLICATIONS

- Removing plaster and tiles
- Chasing grooves and slots
- Chiselling work
- Cleaning up surfaces
- Producing breaches and openings
- Precision repair work

FEATURES

- Active vibration damping (RVA), ensuring comfortable continuous use
- Vibration damped D-handle
- Pneumatic impact mechanism designed for optimum efficiency
- Trigger lock, ensuring non-fatiguing work
- Electronic for constant impact rate control
- Impact rate and impact force infinitely adjustable with pushbutton switch/adjusting dial
- Chisel can be positioned in twenty ways
- Maintenance-free (with lifetime lubrication)

ORDER-NO. PKX 4 A

Standard specification: Duss PKX 4 A breaker, D-handle, tube of grease, carrying case for machine and tools.



TECHNICAL DATA

PKX 4 A

Rated power	820 W
Chiselling perf. in hard concrete C45/55 with pointed chisel	approx. 135 kg/h
Single impact energy	0 - 8.4 J
Impact rate, adjustable	0 - 3200 impacts/min
Machine weight	5.4 kg
Chuck	SDS-max
Vibration data	chiselling
Normal setting	7.3 m/s ²

PKX 7



APPLICATIONS

- Removing plaster and tiles
- Chasing grooves and slots
- Chiselling work
- Cleaning up surfaces
- Producing breaches and openings
- Precision repair work

FEATURES

- Active vibration damping (RVA), ensuring comfortable continuous use
- Screw-in, vibration damped auxiliary handle for non-fatiguing, back-saving posture when chiselling downwards
- Vibration damped D-handle
- LED display for optimum service planning
- Consistently high engine output thanks to optimised engine cooling
- Pneumatic impact mechanism designed for optimum efficiency
- Trigger lock, ensuring non-fatiguing work
- Electronic for constant impact rate control
- Impact rate and impact force infinitely adjustable with adjusting dial
- Chisel can be positioned in twenty ways
- Maintenance-free (with lifetime lubrication)

ORDER-NO. PKX 7

Standard specification: Duss PKX 7 breaker, D-handle, auxiliary handle, tube of grease, carrying case for machine and tools.



TECHNICAL DATA

PKX 7

Rated power	1150 W
Chiselling perf. in hard concrete C45/55 with pointed chisel	approx. 280 kg/h
Single impact energy	5 - 10.5 J
Impact rate, adjustable	1500 - 2900 impacts/min
Machine weight	7.3 kg
Chuck	SDS-max
Vibration data	chiselling
Normal setting	6.7 m/s ²
Compressor setting	4.7 m/s ²

PK 35



APPLICATIONS

- Overhead work
- Removing plaster and tiles
- Chasing grooves and slots
- Cleaning up surfaces
- Precision repair work
- Exposing steel reinforcing bars

FEATURES

- Excellent weight/performance ratio
- Trigger lock, ensuring non-fatiguing work
- Impact rate and impact force infinitely adjustable with pushbutton switch
- Robust, 16 mm hexagon chuck for extra-long service life
- Vibration damping elements
- Maintenance-free (with lifetime lubrication)

ORDER-NO. PK 35

Standard specification: DUSS PK 35 breaker, side handle, tube of grease, carrying case for machine and tools.



TECHNICAL DATA

PK 35

Rated power	680 W
Chiselling perf. in hard concrete C45/55 with pointed chisel approx.	90 kg/h
Single impact energy	0 - 5.3 J
Impact rate, adjustable	0 - 3400 impacts/min
Machine weight	3.7 kg
Chuck	16 mm hexagon

PK 45 · PK 45 A



APPLICATIONS

- Removing plaster and tiles
- Chasing grooves and slots
- Chiselling work
- Cleaning up surfaces
- Producing breaches and openings
- Precision repair work

FEATURES

- Pneumatic impact mechanism designed for optimum efficiency
- Trigger lock, ensuring non-fatiguing work
- Electronic for constant impact rate control
- Impact rate and impact force infinitely adjustable with pushbutton switch/adjusting dial
- Robust, 16 mm hexagon chuck for extra-long service life
- Vibration damping elements
- Maintenance-free (with lifetime lubrication)

ADDITIONAL FEATURES PK 45 A

- Active vibration damping (RVA), ensuring comfortable continuous use

ORDER-NO. PK 45 · PK 45 A

Standard specification: DUSS PK 45 · PK 45 A breaker, side handle, tube of grease, carrying case for machine and tools.



TECHNICAL DATA	PK 45	PK 45 A
Rated power	710 W	710 W
Chiselling perf. in hard concrete C45/55 with pointed chisel	approx. 100 kg/h	approx. 100 kg/h
Single impact energy	0 - 6.4 J	0 - 6.4 J
Impact rate, adjustable	0 - 3000 impacts/min	0 - 3000 impacts/min
Machine weight	4.5 kg	4.9 kg
Chuck	16 mm hexagon	16 mm hexagon
Vibration data PK 45 A		chiselling
Normal setting		6.8 m/s ²

PK 75 · PK 75 A



APPLICATIONS

- Removing plaster and tiles
- Chasing grooves and slots
- Chiselling work
- Cleaning up surfaces
- Producing breaches and openings
- Precision repair work

FEATURES

- Pneumatic impact mechanism designed for optimum efficiency
- Trigger lock, ensuring non-fatiguing work
- Electronic for constant impact rate control
- Impact rate and impact force infinitely adjustable with adjusting dial
- Robust, 16 mm hexagon chuck for extra-long service life
- Vibration damping elements
- Maintenance-free (with lifetime lubrication)

ADDITIONAL FEATURES PK 75 A

- Active vibration damping (RVA), ensuring comfortable continuous use
- Screw-in, vibration damped auxiliary handle for non-fatiguing, back-saving posture when chiselling downwards
- LED display for optimum service planning
- Consistently high engine output thanks to optimised engine cooling

ORDER-NO. PK 75 · PK 75 A

Standard specification: DUSS PK 75 · PK 75 A breaker, side handle, auxiliary handle (only with PK 75 A), tube of grease, carrying case for machine and tools.



TECHNICAL DATA	PK 75	PK 75 A
Rated power	1050 W	1150 W
Chiselling perf. in hard concrete C45/55 with pointed chisel	approx. 260 kg/h	approx. 280 kg/h
Single impact energy	5 - 9.5 J	5 - 10.5 J
Impact rate, adjustable	1500 - 2900 impacts/min	1500 - 2900 impacts/min
Machine weight	6.2 kg	6.6 kg
Chuck	16 mm hexagon	16 mm hexagon
Vibration data PK 75 A		chiselling
Normal setting		7.1 m/s ²
Compressor setting		6.8 m/s ²

TOOLS · ACCESSORIES

PK 35 · PK 45 · PK 45 A · PK 75 · PK 75 A

16 MM HEXAGON



CHISELS

16 MM HEXAGON

	Blade width mm	Overall length mm	ORDER- NO.
1 · SM POINTED CHISEL			
	-	290	SM 421
	-	400	SM 401
	-	600	SM 402
2 · FM NARROW FLAT CHISEL			
	25	290	FM 423
	25	400	FM 403
	25	600	FM 404
3 · BM WIDE FLAT CHISEL			
	50	240	BM 425
	50	350	BM 405
	75	380	BM 408
4 · BZ WIDE FLAT CHISEL, serrated edge*			
	50	290	BZ 413
5 · SP SPADE CHISEL			
	100	410	SP 406
6 · SZ SPADE CHISEL, serrated edge*			
	100	290	SZ 414
7 · LM TILE CHISEL			
	50	270	LM 415
8 · HM HOLLOW CHISEL			
	25	290	HM 407
	35	290	HM 408
9 · KM GOUGE			
	35	290	KM 410
10 · ST BUSHING TOOL			
	40 x 40	290	ST 411
11 · ES GROUND ROD DRIVER			
	16 (internal dia.)	250	ES 412
12 · FZ MORTAR CHISEL only suitable for PK 35, PK 45 and PK 45 A			
	36 x 7	230	FZ 423
	36 x 7	300	FZ 430
13 · SC SCRAPER CHISEL for removing linoleum, vinyl tiles, coatings, bitumen panels, plaster and adhesive remains, only suitable for PK 35, PK 45 and PK 45 A			
	100	420	SC 441
	150	450	SC 442
14 · ERS SPARE SCRAPER for SC scraper chisel			
	100	-	ERS 1
	150	-	ERS 2

* Suitable for working on tiles, plaster and masonry



DUST EXTRACTOR

for chiselling and demolition work. Further information can be found on page 82. **ORDER-NO. MASH 1**



EXTENSION

for use of chisels with overall length of 490 mm up to 670 mm

ORDER-NO. VLMA

PK 160 A



APPLICATIONS

- Demolition work
- Producing breaches and openings
- Chiselling work
- Cleaning up surfaces

FEATURES

- Replaces a pneumatic breaker in many cases
- High demolition performance, light weight and balanced weight distribution
- Trigger lock for continuous operation, ensuring non-fatiguing work
- Perfectly harmonised percussion mechanism for precise work and highest reliability
- Active vibration damping (RVA), ensuring comfortable continuous use
- Screw-in, vibration damped auxiliary handle for non-fatiguing, back-saving posture when chiselling downwards
- Vibration damped D-handle
- LED display for optimum service planning
- Compact, robust design with aluminium and magnesium housings
- Automatic chuck with integral no-load impact damping
- Dust guard for prolonged service life
- Electronic for constant impact rate control
- Impact rate and impact force infinitely adjustable with adjusting dial
- Robust, 22 mm hexagon chuck for extra-long service life
- Maintenance-free (with lifetime lubrication)

ORDER-NO. PK 160 A

Standard specification: DUSS PK 160 A demolition hammer, D-handle, auxiliary handle, tube of grease, carrying case for machine and tools.



TECHNICAL DATA

PK 160 A

Rated power	1300 W
Chiselling perf. in hard concrete C45/55 with pointed chisel	approx. 475 kg/h
Single impact energy	10 - 18 J
Impact rate, adjustable	1200 - 2200 impacts/min
Machine weight	9.8 kg
Chuck	22 mm hexagon
Vibration data	chiselling
Normal setting	8.7 m/s ²
Compressor setting	7.7 m/s ²

PK 300 A



APPLICATIONS

- Demolition work
- Producing breaches and openings
- Cleaning up surfaces
- Renovation of floors, breaking up floors and creating large channels in floors

FEATURES

- Replaces a pneumatic breaker in many cases
- Very high demolition performance, light weight and balanced weight distribution
- Trigger lock for continuous operation, ensuring non-fatiguing work
- Perfectly harmonised percussion mechanism for precise work and highest reliability
- Active vibration damping (RVA), ensuring comfortable continuous use
- Screw-in, vibration damped auxiliary handle for non-fatiguing, back-saving posture when chiselling downwards
- Vibration damped D-handle
- LED display for optimum service planning
- Compact, robust design with aluminium and magnesium housings
- Automatic chuck with integral no-load impact damping
- Dust guard for prolonged service life
- Electronic for constant impact rate control
- Impact rate and impact force infinitely adjustable with adjusting dial
- Robust, 22 mm hexagon chuck for extra-long service life
- Maintenance-free (with lifetime lubrication)

ORDER-NO. PK 300 A

Standard specification: DUSS PK 300 A demolition hammer, D-handle, auxiliary handle, tube of grease, carrying case for machine and tools.



TECHNICAL DATA

PK 300 A

Rated power	1700 W
Chiselling perf. in hard concrete C45/55 with pointed chisel	approx. 730 kg/h
Single impact energy	14 - 27 J
Impact rate, adjustable	1000 - 1900 impacts/min
Machine weight	13.6 kg
Chuck	22 mm hexagon
Vibration data	chiselling
Normal setting	9.1 m/s ²
Compressor setting	9.6 m/s ²

PK 600



APPLICATIONS

- Heavy demolition work
- Producing breaches and openings
- Cleaning up surfaces
- Renovation of floors, breaking up floors and creating large channels in floors

FEATURES

- Replaces a pneumatic breaker in many cases
- Extremely high demolition performance, light weight and balanced weight distribution
- Trigger lock for continuous operation, ensuring non-fatiguing work
- Perfectly harmonised percussion mechanism for precise work and highest reliability
- Active vibration damping (RVA), ensuring comfortable continuous use
- Screw-in, vibration damped auxiliary handle for non-fatiguing, back-saving posture when chiselling downwards
- Vibration damped D-handle
- LED display for optimum service planning
- Compact, robust design with aluminium and magnesium housings
- Automatic chuck with integral no-load impact damping
- Dust guard for prolonged service life
- Electronic for constant impact rate control
- Impact rate and impact force infinitely adjustable with adjusting dial
- Robust, 22 mm hexagon chuck for extra-long service life
- Maintenance-free (with lifetime lubrication)
- Carrying case with wheels for simple and comfortable transport

ORDER-NO. PK 600

Standard specification: DUSS PK 600 demolition hammer, D-handle, auxiliary handle, tube of grease, carrying case with wheels for machine and tools.



TECHNICAL DATA

PK 600

Rated power	2000 W
Chiselling perf. in hard concrete C45/55 with pointed chisel approx.	1220 kg/h
Single impact energy	18 - 41 J
Impact rate, adjustable	850 - 1500 impacts/min
Machine weight	17.4 kg
Chuck	22 mm hexagon
Vibration data	chiselling
Normal setting	14.8 m/s ²
Compressor setting	9.2 m/s ²

TOOLS · ACCESSORIES

PK 160 A · PK 300 A · PK 600

22 MM HEXAGON



CHISELS

22 MM HEXAGON

	Blade width mm	Overall length mm	ORDER-NO.
1 · SM POINTED CHISEL			
	-	400	SM 620
	-	500	SM 610
	-	650	SM 611
2 · FM FLAT CHISEL			
	28	400	FM 622
	28	500	FM 612
	28	650	FM 613
3 · BM WIDE FLAT CHISEL			
	50	500	BM 614
4 · SP SPADE CHISEL			
	120	500	SP 615
5 · DO SHANK for SA and SR tamping plates			
	-	480	DO 630
6 · SA TAMPING PLATE , square			
	150 x 150	-	SA 631
7 · SR TAMPING PLATE , round			
	140 (ext. dia.)	-	SR 632
8 · EE TENT STAKE DRIVER , only suitable for PK 600			
	60 (int. dia.)	200	EE 633
9 · ES GROUND ROD DRIVER			
	16 (int. dia.)	185	ES 634

DUST EXTRACTOR

for chiselling and demolition work.

Further information can be found on page 82.

ORDER-NO. MASP

DIAMOND CORE DRILLS

The construction industry demands greater flexibility and economy than practically any other sector. This applies to both civil and structural engineering, as well as to interior fittings and to electrical, heating and plumbing installations.

Builders and craftsmen require machines which allow them to respond with the utmost flexibility and speed to different asks and technical circumstances occurring on site. Our diamond core drills provide construction industry professionals with a meticulously designed and engineered system. A range of different diamond core drills and an extensive, carefully considered spectrum of different accessories mean that every conceivable application need is catered for.



WET DRILLING in concrete – with BS drill stand



ELECTRICAL SOCKET SINKING in concrete – wet, hand-held



CLEAN WET DRILLING in concrete with DUSS SUCTION CUP – hand-held



DRILLING IN MASONRY with dust extraction – dry, hand-held



DRILLING IN A CONCRETE SHAFT – wet, hand-held



DRILLING IN A CONCRETE PIPE – wet, with BST drill stand



DRILLING IN A PLASTIC PIPE – dry, hand-held



DRILLING IN WOOD with dust extraction – hand-held

A quality product is more than the sum of its technical data. It has to enthuse and inspire with a range of outstanding features. No matter which DUSS machine – anyone familiar with the performance, quality and efficiency of a DUSS knows what it means to enjoy working with a power tool on a daily basis.



CONVENIENT HANDLING

Thanks to the low weight, compact angular design and ergonomic handle arrangement, DUSS diamond core drills are ideally suited for manually guided drilling operations, also in confined spaces.

HIGH PERFORMANCE MOTOR

The powerful, reliable drive motors are designed for the even toughest continuous use. Their electronic for constant speed control ensures the optimum drilling speed no matter what the situation.

ELECTRONIC OVERLOAD PROTECTION

If the drill becomes overloaded, the motor switches off. After it has been switched on again, work can be resumed immediately.



LONG SERVICE LIFE

Our machines are renowned for their long service life, which is the result of their stable dust-proof encapsulated gear, perfect maintenance-free oil bath lubrication, durable drive motor and high torque.

STRAIGHTFORWARD CENTRING

The integrated soft start permits reliable hole starting. With the use of a DUSS quick centring bit, drilling can be started in seconds, no pilot hole is necessary.

CORE BITS CHANGED IN SECONDS

With the quick release system, core bits can be changed and drill cores removed rapidly and easily.



ANTI-LOCKUP SYSTEM

A robust safety clutch, rotating in an oil bath with gentle starting torque, not only ensures complete safety for hand-held drilling but also protects the mechanical components of the drill.



SWITCHABLE SOFT IMPACT

Due to their special geometry and design, the extraordinarily wear-resistant impact plates generate high-frequency impact pulses for an effective soft impact.



PRECISION METERING FOR WET DRILLING

A practical water metering valve allows a precise preselection and constant control of the needed water amount and controls the flow rate, independently of the stopcock, even while drilling is taking place.

DIAMOND CORE DRILLS FOR DRY DRILLING



TECHNICAL DATA	DIA 82 S · DIA 82 S M16	DIA 200
Rated power (W)	2000	1700
Applications	Installing electrical systems, electrical socket sinking	Plumbing, heating, air conditioning systems
Surfaces	Concrete, reinforced concrete (with soft impact), sand-lime brick, masonry	Masonry, brick, ceramics, sand-lime brick
Speed infinitely adjustable	•	•
Electronic for constant speed control Full load speed = No load speed	•	•
Electronic overload protection	•	•
Anti-lockup system	•	•
Switchable soft impact XIP	•	-
Chuck	Quick release system (DIA 82 S) M16 (DIA 82 S M16)	G 1/2"
Pilot drilling	Integrated automatic centring system	Quick centring bit*
Rated speed (rpm)	1290 - 1610	380 - 490
Drilling range hand-held, dry*** in masonry (dia. mm)	68 - 82	82 - 250
Drilling range stand mounted, dry*** in masonry (dia. mm)	-	82 - 202
Drilling range hand-held, dry*** in concrete with soft impact (dia. mm)	68 - 82 / -	-
Drilling range stand mounted, dry*** in concrete with soft impact (dia. mm)	-	-
Machine weight (kg)	6.5	5.0
Machine length (cm)	44	40
Can be found on page	54	56

* Accessory (can be found on page 70) ** Accessory (can be found on page 75)

*** Dry diamond core drilling must be carried out exclusively with dust extraction. Accessories (can be found on page 71 and 74)



DIA 300	DIA 303	DIA 303 S
1700	2000	2000
Building chimneys and fireplaces, furnace construction	Plumbing, heating, air conditioning systems, plastic container and wood construction, building chimneys, furnace construction	Electrical installations, air conditioning systems, renovation, plumbing, heating
Masonry, brick, ceramics, sand-lime brick	Wood, plastic material, masonry, brick, ceramics, sand-lime brick	Concrete, reinforced concrete (with soft impact), sand-lime brick, masonry
•	•	•
•	•	•
•	•	•
•	•	•
-	-	•
G 1/2"	G 1/2"	G 1/2"
Quick centring bit*	Quick centring bit*	Quick centring bit* / Tapping aid**
230 - 320	360/680/1270	530/830/1130
127 - 300	52 - 300	52 - 250
127 - 202	52 - 202	52 - 202
-	-	52 - 132
-	-	52 - 202
5.0	6.2	6.9
40	39	42
56	57	58

DIA 82 S · DIA 82 S M16



APPLICATIONS

- Sinking sockets in concrete, reinforced concrete, highly compacted sand-lime brick und masonry
- Installing electrical systems even in water sensitive areas, like server rooms, electrical installations, archives, production sites or in inhabited rooms

FEATURES

- Switchable soft impact (XIP) for accelerated drilling progress, on the user-friendly change lever
- Ultra-efficient dry drilling with dust extraction
- High drilling speed thanks to powerful and reliable drive motor with constant electronical speed control for optimum cutting speed in any situation
- Lower set-up and time costs than with wet drilling in concrete or reinforced concrete
- Clean working environment where time-consuming cleaning is no longer necessary
- Safety clutch with anti-lockup system
- Screw-in auxiliary handle for optimised ergonomics
- LED display for performance monitoring and service planning
- Trigger lock for continuous operation also easy to operate with working gloves
- Automatic centring system permits tool changes in seconds (picture bottom right)
- Exhaust air ducting away from the user
- Efficient removal of the drill dust enables a reliable drilling performance
- Speed infinitely adjustable with adjusting dial
- Electronic overload protection and soft start

ADDITIONAL FEATURES DIA 82 S

- Quick release system permits tool changes in seconds (picture bottom left)
- Very simple removal of the drill core



TECHNICAL DATA	DIA 82 S
Rated power	2000 W
Rated speed	1290 - 1610 rpm
Drilling range hand-held, dry	dia. 68 - 82 mm
Max. impact rate	25800 - 32200 impacts/min
Machine weight	6.5 kg
Chuck	Quick release system (DIA 82 S) M16 external (DIA 82 S M16)

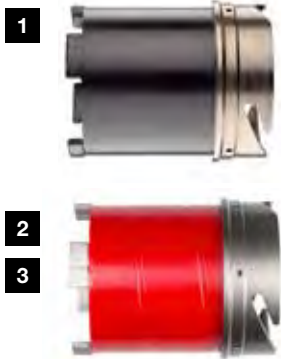
ORDER-NO. DIA 82 S Standard specification: DUSS DIA 82 S diamond core drill **with DUSS quick release system**, side handle, auxiliary handle, DSS 82 diamond socket cutter, automatic centring system, SK 61 suction head, carrying case.

ORDER-NO. DIA 82 S M16 Standard specification: DUSS DIA 82 S diamond core drill **with M16 external thread**, side handle, auxiliary handle, DGNS 82 diamond socket cutter, automatic centring system, SK 76 suction head, 2x SW 24 open-end wrench, carrying case.

DIAMOND SOCKET CUTTER · ACCESSORIES

DIA 82 S

QUICK RELEASE SYSTEM



DIAMOND SOCKET CUTTER

QUICK RELEASE SYSTEM

Material	Drilling dia. mm	Working length mm	Soft impact	ORDER-NO.
Highly compacted sand-lime brick, masonry, perforated brick and lightweight building materials	68	70	on/off	DS 68
	82	70	on/off	DS 82
	82	90	on/off	DS 8290
Highly compacted sand-lime brick, concrete and reinforced concrete	82	70	on	DSS 82
	82	70	on	DSSX 82



ADAPTER

for diamond socket cutter with M16 internal thread

ORDER-NO. DSA M16

DIA 82 S M16

M16 INTERNAL



DIAMOND SOCKET CUTTER

M16 INTERNAL

Material	Drilling dia. mm	Working length mm	Soft impact	ORDER-NO.
Highly compacted sand-lime brick, masonry, perforated brick and lightweight building materials	82	70	on/off	DSM 82
Highly compacted sand-lime brick, concrete and reinforced concrete	82	70	on/off	DGN 82
	82	90	on/off	DGN 8290
Hard concrete and hard, reinforced concrete	82	70	on/off	DGS 82
	82	90	on/off	DGS 8290
Highly compacted sand-lime brick, concrete and reinforced concrete	82	70	on	DGNS 82
	82	70	on	DGNSX 82

DIA 200 · DIA 300**APPLICATIONS**

- Installing plumping, heating and air conditioning systems
- Building chimneys, fireplaces and furnaces
- Installing fitted kitchens and bathrooms

FEATURES

- Easy and simple to use
- Hand-held drilling with dust extraction
- Compact and particularly light
- Rapid centring
- Quick release system for rapid core bit change and drill core removal
- Electronic for constant speed control
- Speed infinitely adjustable with adjusting dial
- Convenient drilling supported by suction effect
- Electronic overload protection and soft start
- Safety clutch with anti-lockup system

ORDER-NO. DIA 200 · DIA 300

Standard specification: DUSS DIA 200 · DIA 300 diamond core drill, side handle, ZST centring rod, SK 61 suction head, SW 22 and SW 30 open-end wrenches, carrying case.



TECHNICAL DATA	DIA 200	DIA 300
Rated power	1700 W	1700 W
Rated speed	380 - 490 rpm	230 - 320 rpm
Drilling range hand-held, dry	dia. 82 - 250 mm	dia. 127 - 300 mm
Drilling range stand mounted, dry	dia. 82 - 202 mm	dia. 127 - 202 mm
Machine weight	5.0 kg	5.0 kg
Chuck	G 1/2"	G 1/2"

DIA 303



APPLICATIONS

Wood

- Hand-held or stand mounted drilling into massive wood and panels, e.g. OSB and particle boards
- Drilling with wood drill bits, auger bits and formwork drill bits
- Counter bores with big counter sinking tools and Forstner bits

Plastic material

- Hand-held or stand mounted drilling in plastic material, e.g. sewer pipes and plastic containers made of PVC, PE, PP, GRP

Masonry and chimney pipes

- Dry diamond core drilling with dust extraction in masonry, e.g. poroton, aerated concrete and sand-lime brick
- Drilling in chimney pipes and ceramic flue liners

FEATURES

- Enormous drilling range, hand-held, dia. 40 - 322 mm
- Screw-in auxiliary handle for non-fatiguing, back-saving posture when drilling downwards
- LED display for performance monitoring and service planning
- Time-saving positioning with quick centring bit
- Quick release system for rapid core bit change and core cutter change
- Safety clutch with anti-lockup system
- Ultra-efficient dust extraction during dry drilling and during drilling with wood core cutter
- Electronic for constant speed control
- Speed infinitely adjustable with adjusting dial
- Electronic overload protection and soft start

ORDER-NO. DIA 303

Standard specification: DUSS DIA 303 diamond core drill, side handle, auxiliary handle, ZST centring rod, SK 61 suction head, SW 22 and

SW 30 open-end wrenches, dry lubricant spray, carrying case.



TECHNICAL DATA

DIA 303

Rated power	2000 W
Rated speed 1st/2nd/3rd gear	360/680/1270 rpm
Drilling range with	
diamond core bit hand-held, dry	dia. 52 - 300 mm
diamond core bit stand mounted, dry	dia. 52 - 202 mm
LS core cutter in plastic material, hand-held	dia. 40 - 322 mm
LS core cutter in plastic material, with BS drill stand	dia. 40 - 202 mm
LS core cutter in plastic material, with BST drill stand	dia. 40 - 257 mm
LB wood core cutter, hand-held	dia. 42 - 322 mm
LB wood core cutter, with BS drill stand	dia. 42 - 202 mm
LB wood core cutter, with BST drill stand	dia. 42 - 182 mm
Machine weight	6.2 kg
Chuck	G 1/2"

DIA 303 S



APPLICATIONS

- Dry diamond core drilling with dust extraction in concrete, reinforced concrete, highly compacted sand-lime brick and masonry
- Hand-held or stand mounted drilling
- Drilling in water sensitive areas like server rooms, electrical installations, archives or production sites
- Retrofitting of plumbing and heating systems, electrical installations in inhabited rooms

FEATURES

- Switchable soft impact (XIP) for accelerated drilling progress, on the user-friendly change lever
- Ultra-efficient dry drilling due to perfectly coordinated system of machine, diamond core bit and extraction system
- Lower set-up and time costs than with wet drilling in concrete or reinforced concrete
- Clean working environment where time-consuming cleaning is no longer necessary
- Safety clutch with anti-lockup system
- Screw-in auxiliary handle for non-fatiguing, back-saving posture when drilling downwards
- LED display for performance monitoring and service planning
- Trigger lock for continuous operation also easy to operate with working gloves
- Time-saving positioning with quick centring bit
- Exhaust air ducting away from the user
- Efficient removal of the drill dust enables a reliable drilling performance
- Rapid changeover from hand-held to stand mounted drilling
- Electronic for constant speed control
- Speed infinitely adjustable with adjusting dial
- Electronic overload protection and soft start

ORDER-NO. DIA 303 S

Standard specification: Duss DIA 303 S diamond core drill, side handle, auxiliary handle, ZST centring rod, SK 61 suction head, SW 22 and SW 30 open-end wrenches, dry lubricant spray, carrying case.



TECHNICAL DATA

DIA 303 S

Rated power	2000 W
Rated speed 1st/2nd/3rd gear	530/830/1130 rpm
Drilling range in masonry, with/without soft impact	
hand-held	dia. 52 - 250 mm
stand mounted	dia. 52 - 202 mm
Drilling range in concrete, with soft impact	
hand-held	dia. 52 - 132 mm
stand mounted	dia. 52 - 202 mm
Max. impact rate 1st/2nd/3rd gear	10600/16600/22600 impacts/min
Machine weight	6.9 kg
Chuck	G 1/2"

DIAMOND CORE BITS · ACCESSORIES

DIA 303 S

G 1/2"



G 1/2" CSL DIAMOND CORE BITS

with evenly placed diamonds for drilling with soft impact

APPLICATIONS

- For dry drilling with dust extraction, with soft impact
- In concrete, reinforced concrete, highly compacted sand-lime brick and masonry
- Hand-held or stand mounted drilling

FEATURES

- Excellent cutting endurance when dry drilling in concrete and reinforced concrete
- Special segmentation with evenly placed diamonds
- Smooth drilling, optimal drilling performance
- Large-dimensioned suction holes ensure highly effective dust extraction

CSL DIAMOND CORE BIT for dry drilling with dust extraction, with soft impact

G 1/2"

Drilling dia. mm	Working length mm	ORDER-NO.
52*	300	CSL 52
62*	300	CSL 62
67*	300	CSL 67
72*	300	CSL 72
82	300	CSL 82
82	150	CSL 82150

Drilling dia. mm	Working length mm	ORDER-NO.
92	300	CSL 92
102	300	CSL 102
112	300	CSL 112
122	300	CSL 122
127	300	CSL 127
132	300	CSL 132

Drilling dia. mm	Working length mm	ORDER-NO.
142	300	CSL 142
152	300	CSL 152
162	300	CSL 162
172	300	CSL 172
182	300	CSL 182
202	300	CSL 202

* Only in conjunction with RR 75/50 reducing ring



CCL DIAMOND CORE BITS

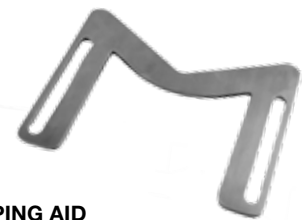
G 1/2", for wet drilling in concrete without soft impact and dry drilling in masonry with or without soft impact, for universal use, 11 mm premium roof-shaped segments. Further information can be found on page 68.



DRILL STAND

for reliable drilling up to drilling dia. 202 mm. Further information can be found on page 74.

ORDER-NO. BS 160



TAPPING AID

for an easy spot drilling up to drilling dia. 202 mm with BS 160 drill stand. Further information can be found on page 75.

ORDER-NO. BS 160-ABH



REDUCING RING

for dust extraction when dry drilling with CCL and CSL diamond core bits up to drilling dia. 82 mm

ORDER-NO. RR 75/50



DRY EXTRACTION

for dust extraction in BS 160 drill stand when dry drilling with G 1/2" diamond core bits

ORDER-NO. TBS

DIAMOND CORE DRILLS FOR WET- UND DRY DRILLING



TECHNICAL DATA	DIA 52 W*	DIA 100 W · DIA 150 W · DIA 300 W
Rated power (W)	2000	1800
Applications	Precise drilling for plumbing, heating, air conditioning systems, facade construction, stonemasonry work, constructing balconies and staircases	Electrical installation, plumbing, heating, air conditioning systems, civil and structural engineering, drilling holes in sewer pipes
Surfaces	Reinforced concrete, marble, natural stone, tiles	Reinforced concrete, masonry
Speed infinitely adjustable	•	•
Electronic for constant speed control Full load speed = No load speed	•	•
Electronic overload protection	•	•
Anti-lockup system	•	•
Chuck	Quick release system	G 1/2"
Pilot drilling	Water collection unit**	Quick centring bit***
Preselection of water flow rate	•	•
Water-saving precision metering	•	•
Rated speed (rpm)	3000 - 4000	900 - 1200 / 480 - 630 / 260 - 350
Drilling range hand-held, wet (dia. mm)	8 - 42	32 - 102 / 52 - 162 / 112 - 202
Drilling range, connecting holes in concrete pipes, hand-held, wet (dia. mm)	-	- / up to 202 / up to 300
Drilling range, stand mounted, wet (dia. mm)	8 - 42 / -	32 - 102 / 52 - 162 / 112 - 202
Drilling range, hand-held, dry**** (dia. mm)	-	52 - 112 / 82 - 212 / 127 - 300
Drilling range, stand mounted, dry**** (dia. mm)	-	52 - 112 / 82 - 202 / 127 - 202
Machine weight (kg)	6.1	6.1
Machine length (cm)	43	40
Can be found on page	62	64

* The DIA 52 W and DIA 400 W are only suitable for wet drilling. ** Accessory (can be found on page 63) *** Accessory (can be found on page 70)
**** Dry diamond core drilling must be carried out exclusively with dust extraction. Accessories (can be found on page 71 und 74)



DIA 203 W	DIA 303 W	DIA 400 W*
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2000	2000	3200
Plumbing, heating, air conditioning systems, stonemasonry work, constructing balconies and staircases, gardening and landscaping	Plumbing, heating, air conditioning systems, civil and structural engineering, drilling holes in sewer pipes	Civil and structural engineering, making breaches, penetrations for ducts, pipes and cables, drilling rows of holes
Reinforced concrete, granite, marble, natural stone, masonry	Reinforced concrete, masonry, wood, plastic material	Reinforced concrete, masonry
•	•	-
•	•	•
•	•	•
•	•	•
G 1/2"	G 1/2"	1 1/4" UNC
Quick centring bit***	Quick centring bit***	-
•	•	•
•	•	-
690/1290/2420	360/680/1270	230/480/720
12 - 137	32 - 202	-
-	up to 300	-
12 - 137	32 - 202	67 - 400 / -
52 - 202	52 - 300	-
52 - 202	52 - 202	-
6.4	6.4	12.0
39	39	53
65	66	77

DIA 52 W



APPLICATIONS

- Precise drill holes in reinforced concrete, marble, sandstone, natural stone and tiles
- Drill through-holes for pipe and power lines, drilling for reinforcing bars
- Installation holes for stair and bridge railings or fences
- Drilling anchor holes
- Plumbing and heating installation
- Gardening and landscaping, stonemasonry work
- Steel and metal structures, facade construction

FEATURES

- Drilling holes with dia. 8 - 42 mm with pinpoint accuracy, drilling depth up to 600 mm
- Vibration-free and low noise drilling
- Trouble-free drilling through reinforced concrete
- Quick release system for rapid core bit change and drill core removal
- Precise preselection and constant control of water flow rate
- Water-saving precision metering
- Safety clutch with anti-lockup system
- Screw-in auxiliary handle for non-fatiguing, back-saving posture when drilling downwards
- LED display for performance monitoring and service planning
- Rapid changeover from hand-held to stand mounted drilling
- Electronic for constant speed control
- Speed infinitely adjustable with adjusting dial
- Reliable water extraction with optional WSET 42150 or WSET 42300 water collection unit
- Electronic overload protection and soft start

ORDER-NO. DIA 52 W

Standard specification: Duss DIA 52 W diamond core drill with PRCD circuit breaker, side handle, auxiliary handle, dry lubricant spray, carrying case.



TECHNICAL DATA

DIA 52 W

Rated power	2000 W
Rated speed	3000 - 4000 rpm
Drilling range hand-held or stand mounted, wet	dia. 8 - 42 mm
Machine weight	6.1 kg
Chuck	Quick release system

DIAMOND CORE BITS · ACCESSORIES

DIA 52 W

QUICK RELEASE SYSTEM



1 - CA* DIAMOND CORE BIT

Drilling dia. mm	Working length mm	ORDER-NO.
8	70	CA 0807
10	150	CA 1015
12	150	CA 1215
14	150	CA 1415
15	150	CA 1515
16	150	CA 1615
16	300	CA 1630

QUICK RELEASE SYSTEM

Drilling dia. mm	Working length mm	ORDER-NO.
18	150	CA 1815
18	300	CA 1830
20	150	CA 2015
20	300	CA 2030
22	300	CA 2230
24	300	CA 2430
25	300	CA 2530

Drilling dia. mm	Working length mm	ORDER-NO.
28	300	CA 2830
30	300	CA 3030
32	300	CA 3230
35	300	CA 3530
38	300	CA 3830
40	300	CA 4030
42	300	CA 4230

* Even applicable with DIA 203 W with SVM drill adapter (can be found on page 69).
 We can also manufacture diamond core bits from drilling dia. 16 mm up to working length of 600 mm and intermediate lengths on request.



WATER COLLECTION UNIT

for CA diamond core bits with ZA centring rings up to drilling dia. 42 mm, with depth stop

Working length 150 mm **ORDER-NO. WSET 42150**

Working length 300 mm **ORDER-NO. WSET 42300**

2 - ZA CENTRING RING FOR CA DIAMOND CORE BIT when using WSET 42150 or WSET 42300 water collection unit

Dia. mm	ORDER-NO.
8	ZA 8
10	ZA 10
12	ZA 12
14	ZA 14
15	ZA 15
16	ZA 16

Dia. mm	ORDER-NO.
18	ZA 18
20	ZA 20
22	ZA 22
24	ZA 24
25	ZA 25
28	ZA 28

Dia. mm	ORDER-NO.
30	ZA 30
32	ZA 32
35	ZA 35
38	ZA 38
40	ZA 40
42	ZA 42



ADAPTER

for diamond core bits with R 1/2"

resp. G 1/2" external thread

ORDER-NO. DAS 50

DIA 100 W · DIA 150 W · DIA 300 W**APPLICATIONS**

- Drilling in concrete, granite, marble, masonry, sand-lime brick, porcelain, plastic material etc., even in confined spaces or up a ladder
- Hand-held or stand mounted drilling, depending on material wet or dry drilling with dust extraction
- Drilling holes in sewer pipes

FEATURES

- Time-saving positioning with quick centring bit
- Quick release system for rapid core bit change and drill core removal
- Safety clutch with anti-lockup system
- Precise preselection and constant control of water flow rate
- Water-saving precision metering
- Ultra-efficient dust extraction during dry drilling
- Screw-in auxiliary handle for non-fatiguing, back-saving posture when drilling downwards
- Rapid changeover from hand-held to stand mounted drilling
- Electronic for constant speed control
- Speed infinitely adjustable with adjusting dial
- Electronic overload protection and soft start

ORDER-NO. DIA 100 W · DIA 150 W · DIA 300 W

Standard specification: DUSS DIA 100 W · DIA 150 W · DIA 300 W diamond core drill with PRCD circuit breaker, side handle, auxiliary handle, ZST centring rod, SW 22 and SW 30 open-end wrenches, dry lubricant spray, carrying case.



TECHNICAL DATA	DIA 100 W	DIA 150 W	DIA 300 W
Rated power	1800 W	1800 W	1800 W
Rated speed	900 - 1200 rpm	480 - 630 rpm	260 - 350 rpm
Drilling range			
hand-held, wet	dia. 32 - 102 mm	dia. 52 - 162 mm	dia. 112 - 202 mm
stand mounted, wet	dia. 32 - 102 mm	dia. 52 - 162 mm	dia. 112 - 202 mm
in concrete pipe, hand-held, wet	-	up to dia. 202 mm	up to dia. 300 mm
hand-held, dry	dia. 52 - 112 mm	dia. 82 - 212 mm	dia. 127 - 300 mm
stand mounted, dry	dia. 52 - 112 mm	dia. 82 - 202 mm	dia. 127 - 202 mm
Machine weight	6.1 kg	6.1 kg	6.1 kg
Chuck	G 1/2"	G 1/2"	G 1/2"

DIA 203 W



APPLICATIONS

- Drilling in reinforced concrete, granite, marble, sandstone, natural stone, masonry, sand-lime brick, porcelain, plastic material and wood
- Hand-held or stand mounted drilling, depending on material wet or dry drilling with dust extraction
- Drill through-holes for pipe and power lines, drilling for reinforcing bars
- Installation holes for stair and bridge railings or fences
- Plumbing and heating installation
- Gardening and landscaping, stonemasonry work
- Steel and metal structures, facade construction

FEATURES

- Enormous drilling range, hand-held diamond core drilling from a diameter of 12 mm
- Efficient drilling performance, especially when drilling small to medium diameters
- Comfortable working even in confined spaces, up a ladder or also overhead, thanks to the compact angular design and a machine length of only 39 cm
- Time-saving positioning with quick centring bit
- Quick release system for rapid core bit change and drill core removal
- Safety clutch with anti-lockup system
- Ultra-efficient dust extraction during dry drilling
- Precise preselection and constant control of water flow rate
- Water-saving precision metering
- Screw-in auxiliary handle for non-fatiguing, back-saving posture when drilling downwards
- LED display for performance monitoring and service planning
- Rapid changeover from hand-held to stand mounted drilling
- Electronic for constant speed control
- Speed infinitely adjustable with adjusting dial
- Electronic overload protection and soft start

ORDER-NO. DIA 203 W

Standard specification: DUSS DIA 203 W diamond core drill with PRCD circuit breaker, side handle, auxiliary handle, ZST centring rod, SW 22 and SW 30 open-end wrenches, dry lubricant spray, carrying case.



TECHNICAL DATA

DIA 203 W

Rated power	2000 W
Rated speed 1st/2nd/3rd gear	690/1290/2420 rpm
Drilling range with	
diamond core bit, hand-held, wet	dia. 12 - 137 mm
diamond core bit, stand mounted, wet	dia. 12 - 137 mm
diamond core bit, hand-held, dry	dia. 52 - 202 mm
diamond core bit, stand mounted, dry	dia. 52 - 202 mm
LS core cutter in plastic material, hand-held	dia. 40 - 162 mm
LS core cutter in plastic material, with BS drill stand	dia. 40 - 162 mm
LS core cutter in plastic material, with BST drill stand	dia. 40 - 162 mm
LB wood core cutter, hand-held	dia. 42 - 202 mm
LB wood core cutter, with BS drill stand	dia. 42 - 202 mm
LB wood core cutter, with BST drill stand	dia. 42 - 182 mm
Machine weight	6.4 kg
Chuck	G 1/2"

DIA 303 W



APPLICATIONS

- Drilling in reinforced concrete, granite, marble, sandstone, natural stone, masonry, sand-lime brick, porcelain, plastic material and wood
- Hand-held or stand mounted drilling, depending on material wet or dry drilling with dust extraction
- Hand-held drilling or drilling with BST drill stand in sewer pipes
- Electrical installations, gas, plumbing and heating systems
- Domestic utilities and air conditioning systems, renovation of old buildings
- Civil and structural engineering, road building and landscaping

FEATURES

- Enormous drilling range, hand-held diamond core drilling up to dia. 300 mm
- Efficient drilling performance, especially when drilling medium to big diameter
- Comfortable working even in confined spaces, up a ladder or also overhead, thanks to the compact angular design and a machine length of only 39 cm
- Time-saving positioning with quick centring bit
- Quick release system for rapid core bit change and drill core removal
- Safety clutch with anti-lockup system
- Ultra-efficient dust extraction during dry drilling
- Precise preselection and constant control of water flow rate
- Water-saving precision metering
- Screw-in auxiliary handle for non-fatiguing, back-saving posture when drilling downwards
- LED display for performance monitoring and service planning
- Rapid changeover from hand-held to stand mounted drilling
- Electronic for constant speed control
- Speed infinitely adjustable with adjusting dial
- Electronic overload protection and soft start

ORDER-NO. DIA 303 W

Standard specification: DUSS DIA 303 W diamond core drill with PRCD circuit breaker, side handle, auxiliary handle, ZST centring rod, SW 22 and SW 30 open-end wrenches, dry lubricant spray, carrying case.



TECHNICAL DATA

DIA 303 W

Rated power	2000 W
Rated speed 1st/2nd/3rd gear	360/680/1270 rpm
Drilling range with	
diamond core bit, hand-held or with BS drill stand, wet	dia. 32 - 202 mm
diamond core bit in concrete pipe, hand-held, wet	up to dia. 300 mm
diamond core bit, hand-held, dry	dia. 52 - 300 mm
diamond core bit, with BS drill stand, dry	dia. 52 - 202 mm
LS core cutter in plastic material, hand-held	dia. 40 - 322 mm
LS core cutter in plastic material, with BS drill stand	dia. 40 - 202 mm
LS core cutter in plastic material, with BST drill stand	dia. 40 - 257 mm
LB wood core cutter, hand-held	dia. 42 - 322 mm
LB wood core cutter, with BS drill stand	dia. 42 - 202 mm
LB wood core cutter, with BST drill stand	dia. 42 - 182 mm
Machine weight	6.4 kg
Chuck	G 1/2"



DIAMOND CORE BITS

DIA 200 · DIA 300 · DIA 303 · DIA 303 S
DIA 100 W · DIA 150 W · DIA 300 W · DIA 203 W · DIA 303 W

G 1/2"



G 1/2" CCL, CTL AND CBL DIAMOND CORE BITS
 with 11 mm premium roof-shaped segments

APPLICATIONS

- Hand-held or stand mounted

FEATURES

- Maximum drilling progress with minimum effort
- Best cutting endurance, long service life
- Smooth pilot drilling and high concentricity thanks to exact segment positioning

1 - CCL DIAMOND CORE BIT for wet drilling as well as for dry drilling* with dust extraction, 11 mm premium roof-shaped segments

G 1/2"

Drilling dia. mm	Working length mm	ORDER-NO.
52	300	CCL 52
52	400	CCL 52400
57	300	CCL 57
62	300	CCL 62
62	400	CCL 62400
67	300	CCL 67
67	150	CCL 67150
67	400	CCL 67400
77	300	CCL 77
82	300	CCL 82
82	150	CCL 82150
82	400	CCL 82400
92	300	CCL 92
92	400	CCL 92400

Drilling dia. mm	Working length mm	ORDER-NO.
102	300	CCL 102
102	400	CCL 102400
112	300	CCL 112
112	400	CCL 112400
117	300	CCL 117
127	300	CCL 127
127	400	CCL 127400
132	300	CCL 132
132	400	CCL 132400
137	300	CCL 137
152	300	CCL 152
152	400	CCL 152400
162	300	CCL 162
162	400	CCL 162400

Drilling dia. mm	Working length mm	ORDER-NO.
172	300	CTL 172
178	300	CTL 178
182	300	CTL 182
182	400	CTL 182400
186	300	CTL 186
202	300	CTL 202
202	400	CTL 202400
212	300	CTL 212
212	400	CTL 212400
225	300	CTL 225
232	300	CTL 232
250	300	CTL 250
257	300	CTL 257
300	300	CTL 300



SEALING RING

for CCL diamond core bits dia. 52 mm and dia. 57 mm, to plug suction holes during wet drilling

ORDER-NO. AR



SEALING PLUG

for CCL diamond core bits, to plug suction holes during wet drilling
 dia. 62 mm, dia. 67 mm
 from dia. 77 mm

ORDER-NO. VS 2
ORDER-NO. VS

*** APPLICATION NOTE FOR DRY DRILLING**

For dry core drilling, optional accessories are required.

Further information can be found on page 71.



2 - CK DIAMOND CORE BIT for ceramic flue liners in chimney pipes, for dry drilling* without soft impact, 11 mm premium roof-shaped segments

G 1/2"

Drilling dia. mm	Working length mm	ORDER-NO.
112	300	CK 112
132	300	CK 132
152	300	CK 152

Drilling dia. mm	Working length mm	ORDER-NO.
162	300	CK 162
172	300	CK 172
182	300	CK 182

Drilling dia. mm	Working length mm	ORDER-NO.
202	300	CK 202
225	300	CK 225
250	300	CK 250

DIA 100 W · DIA 150 W · DIA 300 W · DIA 203 W · DIA 303 W

G 1/2"

3 · CBL DIAMOND CORE BIT for wet drilling, 11 mm premium roof-shaped segments

G 1/2"

Drilling dia. mm	Working length mm	ORDER-NO.
32	300	CBL 32
36	300	CBL 36
42	300	CBL 42
47	300	CBL 47
52	300	CBL 52
57	300	CBL 57
62	300	CBL 62
67	300	CBL 67
72	300	CBL 72
77	300	CBL 77

Drilling dia. mm	Working length mm	ORDER-NO.
82	300	CBL 82
92	300	CBL 92
102	300	CBL 102
107	300	CBL 107
112	300	CBL 112
117	300	CBL 117
122	300	CBL 122
127	300	CBL 127
132	300	CBL 132
137	300	CBL 137

Drilling dia. mm	Working length mm	ORDER-NO.
142	300	CBL 142
152	300	CBL 152
162	300	CBL 162
172	300	CBL 172
178	300	CBL 178
182	300	CBL 182
186	300	CBL 186
200	300	CBL 200

ACCESSORIES

**DIA 200 · DIA 300 · DIA 303 · DIA 303 S
DIA 100 W · DIA 150 W · DIA 300 W · DIA 203 W · DIA 303 W**

PRODUCT TIP

The **DUSS SWS QUICK RELEASE SYSTEM** permits tool changes in just seconds, as well as fast, simple removal of the drill core. Plug on the tool, twist, done. No auxiliary tools needed. The quick release system comprises the drill adapter for mounting on the diamond core drill and different adapters for mounting on diamond core bits, core cutters or chucks. The quick release system can be used for wet drilling and dry drilling without soft impact.



CORE BIT ADAPTER for quick release system
ORDER-NO. SVK



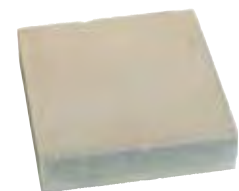
DRILL ADAPTER for quick release system
ORDER-NO. SVM



BUBBLE LEVEL
for accurate alignment when drilling vertical or horizontal
ORDER-NO. NH



WATER SUPPLY UNIT
for use where no water supply is available, steel tank, capacity 10 l, reinforced hose 2.5 m and 1/2" coupling with water stop
ORDER-NO. WDB 10



SHARPENING PLATE
for resharpening blunt diamond core bits, 250 x 250 x 50 mm
ORDER-NO. SP

We can also manufacture diamond core bits not included in our standard range on request, this affects both the diameter and working length.

ACCESSORIES

DIA 200 · DIA 300 · DIA 303 · DIA 303 S
DIA 100 W · DIA 150 W · DIA 300 W · DIA 203 W · DIA 303 W



QUICK CENTRING BITS

for rapid, hand-held centring up to dia. 152 mm. The spring-loaded centring bit retracts when drilling starts.

No pilot hole is necessary.

For core bits with a working length of 250 mm to 300 mm

ORDER-NO. SZ

For core bits with a working length of 400 mm to 450 mm

ORDER-NO. SZ 4

For core bits with a working length of 100 mm to 163 mm

ORDER-NO. SZ 150



CENTRING RODS

Overall length 385 mm, for core bits with a working length up to 300 mm

ORDER-NO. ZST

Overall length 235 mm, for core bits with a working length up to 163 mm

ORDER-NO. ZST 2

Overall length 550 mm, for core bits with a working length up to 450 mm and angular drilling of large drill holes with core bits with a working length up to 300 mm

ORDER-NO. ZST 6



KEYLESS CHUCK

clamping range 1.5 - 13 mm, for wood and steel drill bits, screwdriving and mixing tools, hole saws, etc.

ORDER-NO. FS 13 S



CHUCK ADAPTER

for quick release system, suitable for FS 13 S keyless chuck and other chucks with 1/2" - 20 UNF thread

ORDER-NO. SVB



CHUCK ADAPTER

for threaded connection, suitable for FS 13 S keyless chuck and other chucks with 1/2" - 20 UNF thread

ORDER-NO. DF 5



SOCKET ADAPTER

for keyless chuck, adapter for sockets with 1/2" square

ORDER-NO. STA



ADAPTER G 1/2" EXTERNAL - G 1/2" EXTERNAL

for use with other manufacturers' core drills with G 1/2" resp. R 1/2" internal thread, DUSS ZST centring rod or DUSS SZ quick centring bit can be used

ORDER-NO. DAS 3



ADAPTER G 1/2" EXTERNAL - 1 1/4" UNC INTERNAL

for use with other manufacturers' core drills with 1 1/4" UNC external thread, DUSS ZST centring rod or DUSS SZ quick centring bit can be used

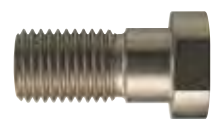
ORDER-NO. DAS 6



ADAPTER G 1/2" INTERNAL - G 1/2" INTERNAL

for other manufacturers' diamond core bits with G 1/2" resp. R 1/2" external thread

ORDER-NO. DAS 2



ADAPTER 1 1/4" UNC EXTERNAL - G 1/2" INTERNAL

for other manufacturers' diamond core bits with 1 1/4" UNC internal thread and a working length up to 450 mm, DUSS ZST 6 centring rod or DUSS SZ 4 quick centring bit can be used

ORDER-NO. DAS 4

Extensions and extraction accessories for hand-held, dry drilling

SWS quick release system (without soft impact)



GENERAL CONDITIONS		1 · Core bit adapter	2 · Extension	3 · Reducing ring	4 · Suction tube	5 · Suction head*	6 · Drill adapter
with SWS	up to dia. 82 mm	without extension	-	RR 75/50	RS 75/100	SK 76	SVM
	from dia. 82 mm	without extension***	-	-	RS 75/100		
		with extension 150 mm	VL 150 SWS	-	RS 75/340		
		with extension 300 mm	VL 300 SWS	-	RS 75/490		

Threaded connection



GENERAL CONDITIONS		1 · Extension	2 · Suction tube	3 · Reducing ring	4 · Suction head*
without SWS	up to dia. 82 mm	without extension	-	-	SK 61**
		with extension 150 mm	VL150	R 50/155	SK 76
		with extension 300 mm	VL 300	R 50/305	
	from dia. 82 mm	without extension***	-	-	SK 61**
		with extension 150 mm	VL 150	R 75/165	SK 76
		with extension 300 mm	VL 300	R 75/315	

**APPLICATION NOTE
WET DRILLING**

Hand-held wet drilling with quick release system is possible from dia. 52 mm, using VL SWS extension and SVK and SVM adapters. For drilling with threaded connection from dia. 32 mm only the matching VL extension is required.

* Connection dia. suction hose 35 mm ** DIA 200, DIA 300, DIA 303, DIA 303 S: included in standard specification
*** Also applicable for LB wood core cutter (page 87)

ACCESSORIES

**DIA 200 · DIA 300 · DIA 303
DIA 100 W · DIA 150 W · DIA 300 W · DIA 203 W · DIA 303 W**



LB WOOD CORE CUTTER

for hand-held or stand mounted drilling in wood up to drilling dia. 250 mm, e.g. for installation holes in solid wood ceilings or in glued laminated timber. Further information can be found on page 87.



LS CORE CUTTER

for hand-held or stand mounted drilling up to drilling dia. 322 mm, e.g. for drilling connecting holes for branch pipes in plastic sewer pipes. Further information can be found on page 86.



DRILL STAND

for right-angled and centric drilling in smooth and corrugated sewer pipes. Further information can be found on page 90.



SUCTION CUPS

self-wall-adhering, up to drilling dia. 250 mm, for clean hand-held diamond core drilling. Further information can be found on page 81.

INDUSTRIAL VACUUM CLEANERS

for wet and dry vacuum cleaning. Further information can be found on page 84.



**Socket sinking without interruption, in concrete with DIA 100 W · DIA 203 W
DIA 303 W and in masonry with DIA 303 · DIA 100 W · DIA 203 W · DIA 303 W**



Wet socket sinking in concrete with water extraction



Dry socket sinking in sand-lime brick with dust extraction



DIAMOND CORE BITS WITH G 1/2"

for wet drilling in concrete or dry drilling in masonry with extraction, drilling depth max. 150 mm

ORDER-NO. CCL 67150 drilling dia. 67 mm

ORDER-NO. CCL 82150 drilling dia. 82 mm



QUICK CENTRING BIT

for rapid, hand-held socket sinking, without interruption, the spring-loaded centring bit retracts when drilling starts, no pilot hole is necessary

ORDER-NO. SZ 150



SUCTION HEAD, SHORT

for dust extraction during dry drilling (threaded connection).

Connection dia. suction hose 35 mm

ORDER-NO. SK 61



REDUCING RING

for dust extraction during dry drilling with CCL 67150 diamond core bit (threaded connection)

ORDER-NO. RR 75/50



WATER COLLECTION UNIT

for CCL 67150 and CCL 82150 diamond core bits, with depth stop

ORDER-NO. WSET 82



QUICK RELEASE ADAPTER

with automatic centring, for socket sinking without interruption, rapid core bit change and drill core removal (diamond socket cutters with quick release system can be found on page 55)

ORDER-NO. SWA

DIA 203 W



CA DIAMOND CORE BITS

with drilling dia. 12 mm to 42 mm.

Further information can be found on page 63.



WATER COLLECTION UNIT

for CA diamond core bits with ZA centring rings (page 63) up to drilling dia. 42 mm, with depth stop

with working length 150 mm

with working length 300 mm

ORDER-NO. WSET 42150

ORDER-NO. WSET 42300

DRILL STAND · ACCESSORIES

**DIA 200 · DIA 300 · DIA 303 · DIA 303 S · DIA 52 W · DIA 100 W
DIA 150 W · DIA 300 W · DIA 203 W · DIA 303 W**

APPLICATIONS

- Stand mounted, wet diamond core drilling
- Stand mounted, dry diamond core drilling with dust extraction in conjunction with TBS dry extraction

FEATURES

- Easy handling, toolless machine mounting
- Extremely robust and high torsional stiffness
- Bubble lever in precisely guided machine slide (horizontal and vertical)
- Electrically insulated lever



ORDER-NO. BS 160 Standard specification: DUSS BS 160 drill stand.



TECHNICAL DATA		BS 160
Max. drilling dia.		202 mm
Max. drilling dia. with water collecting ring		182 mm
Stroke		630 mm
Column length*		920 mm
Angle adjustment		0 - 45° infinitely
Base plate		275 x 465 mm
Weight		12.2 kg
Fixing options	VP vacuum pump and BS160-VS vacuum set BFS 2 mounting set, SST quick release column	

* Different column lengths on request



DRY EXTRACTION

for dry drilling in drill stand with dust extraction with diamond core bits G 1/2"

ORDER-NO. TBS



WATER COLLECTING RING

up to max. drilling dia. 182 mm, including clamp and sealing cover

ORDER-NO. WS 1A



SEALING COVER

for WS 1A water collecting ring

ORDER-NO. DM 1A



CENTRING PIN

for pinpoint positioning of BS 160 drill stand

ORDER-NO. ZD



MOUNTING SET

comprising threaded rod, clamping nut, 25 pieces M12 metal anchors, washer and setting tool

ORDER-NO. BFS 2



METAL ANCHORS

25 pieces

ORDER-NO. EA



QUICK RELEASE COLUMN

for fixing BS 160 drill stand against ceiling or wall, clamping width 1.6 - 3 m

ORDER-NO. SST



VACUUM PUMP

for fixing BS 160 drill stand on level and smooth surfaces, with 5 m hose, including coupling

ORDER-NO. VP



VACUUM SET

comprising vacuum block with connection valve and vacuum pad for BS 160 drill stand

ORDER-NO. BS 160-VS



VACUUM PAD

for BS 160 drill stand

ORDER-NO. BS 160-VG



TAPPING AID

for an easy spot drilling up to drilling dia. 202 mm with BS 160 drill stand. The secure guidance of the drill bit reliably prevents it from slipping even on difficult surfaces, thus protecting the machine and the tool. The simple and quick adjustment to different core bit diameters is done without tools.

ORDER-NO. BS 160-ABH

STANDING PLATE

for a safe, vertical drilling with the BS 160 drill stand, if fastening of the stand to the substrate is not possible or not desired. The fixation is performed by the user's own weight.

ORDER-NO. BS 160-SDP



TECHNICAL DATA	BS 160-SDP
Max. drilling diameter	117 mm
Dimensions standing plate	305 x 420 x 80 mm
Drive key extension length	115 mm
Weight	3.5 kg

DIA 100 W · DIA 150 W · DIA 300 W · DIA 203 W · DIA 303 W



BS 160-RBV PIPE DRILLING DEVICE
for a reliable fastening of BS 160 to pipes.

APPLICATIONS

- Suitable for safe drilling in pipes from DN 250 to DN 800

FEATURES

- Normal drill stand is simply converted to a canal drill stand, cost saving
- Drill stand is firmly and securely fastened to the pipe with the tensioning strap
- No additional tools required for assembly
- After initial assembly, the tensioning strap remains reliably on the device and drill stand
- Also suitable for various other drill stands

ORDER-NO. BS 160-RBV Standard specification: DUSS BS160-RBV pipe drilling device, tensioning strap.

TECHNICAL DATA	BS 160-RBV
Max. drilling diameter	see drill stand
Suitable pipe diameters	DN 250 to DN 800
Dimensions	450 x 195 x 125 mm
Strap length	2.6 m
Weight	5.0 kg

BS 160-SBV SHAFT DRILLING DEVICE
for drilling in shafts and shaft rings with BS 160.

APPLICATIONS

- Suitable for safe drilling up to dia. 202 mm in shafts, shaft rings and pipes from DN 800

FEATURES

- Secure fastening even with large shaft diameters
- Can also be attached to low shaft elements with a height of 500 mm or more
- No second employee or additional tools are required for assembly and disassembly, thanks to the practical assembly aid
- Marking for precise positioning
- Commercially available tensioning belt can be used
- Also suitable for various other drill stands

ORDER-NO. BS 160-SBV Standard specification: DUSS BS160-SBV shaft drilling device.

TECHNICAL DATA	BS 160-SBV
Max. drilling diameter	202 mm
Suitable pipe and manhole diameters	from DN 800
Suitable shaft ring height	from 500 mm
Dimensions	655 x 305 x 202 mm
Retaining chain length	3.0 m
Weight	11.0 kg

DIA 400 W



APPLICATIONS

- Civil and structural engineering
- Making breaches in reinforced concrete
- Penetrations for ducts, pipes and cables
- Drilling rows of holes

FEATURES

- Air cooled, 3200 W drive motor with 3-speed-gearbox
- Oil pump provides reliable lubrication in all positions, including continuous downward drilling
- Reliable, long life overload clutch
- Electronic for constant speed control
- Electronic overload protection, permits immediate resumption of work
- Soft start
- Robust, long-life design with high power reserves
- Convenient core bit change with quick release ring

ORDER-NO. DIA 400 W Standard specification: DUSS DIA 400 W diamond core drill with PRCD circuit breaker, handle, quick release ring.

ORDER-NO. BS 400 Standard specification: DUSS BS 400 drill stand.



TECHNICAL DATA

DIA 400 W

Rated power	3200 W
Drilling range	
1. gear: 230 rpm	dia. 172 - 400 mm
2. gear: 480 rpm	dia. 92 - 182 mm
3. gear: 720 rpm	dia. 67 - 112 mm
Machine weight	12.0 kg
Chuck	1 1/4" UNC external

TECHNICAL DATA

BS 400

Max. drilling dia.	400 mm
Max. drilling dia. with water collecting ring	302 mm
Stroke	600 mm
Angle adjustment	0 - 45° infinitely
Weight	22.7 kg

DIAMOND CORE BITS · ACCESSORIES

DIA 400 W

1 1/4" UNC



1 1/4" UNC CWL DIAMOND CORE BITS
with 11 mm premium roof-shaped segments

APPLICATIONS

- For wet drilling

FEATURES

- Maximum drilling progress with minimum effort
- Best cutting endurance, long service life
- Smooth pilot drilling and high concentricity thanks to exact segment positioning



CWL DIAMOND CORE BIT

1 1/4" UNC

Drilling dia. mm	Working length mm	ORDER-NO.
42	450	CWL 42
47	450	CWL 47
52	450	CWL 52
57	450	CWL 57
62	450	CWL 62
67	450	CWL 67
72	450	CWL 72
77	450	CWL 77
82	450	CWL 82
92	450	CWL 92

Drilling dia. mm	Working length mm	ORDER-NO.
102	450	CWL 102
107	450	CWL 107
112	450	CWL 112
122	450	CWL 122
127	450	CWL 127
132	450	CWL 132
138	450	CWL 138
142	450	CWL 142
152	450	CWL 152
162	450	CWL 162

Drilling dia. mm	Working length mm	ORDER-NO.
172	450	CWL 172
182	450	CWL 182
186	450	CWL 186
200	450	CWL 200
225	450	CWL 225
250	450	CWL 250
300	450	CWL 300
350	450	CWL 350
400	450	CWL 400



EXTENSION

for CWL diamond core bits with 1 1/4" UNC internal

- 100 mm **ORDER-NO. VLW 100**
- 200 mm **ORDER-NO. VLW 200**
- 300 mm **ORDER-NO. VLW 300**



WATER SUPPLY UNIT

for use where no water supply is available, steel tank, capacity 10 l, reinforced hose 2.5 m and 1/2" coupling with water stop

ORDER-NO. WDB 10

DRILL STAND · ACCESSORIES

DIA 400 W



APPLICATIONS

- Stand mounted core drilling with DUSS DIA 400 W diamond core drill

FEATURES

- Extremely robust
- High torsional stiffness
- Easy handling
- Bubble level in precisely guided machine slide
- Electrically insulated feed lever
- Carrying handle and wheels

ORDER-NO. BS 400 Standard specification: DUSS BS 400 drill stand.

TECHNICAL DATA	BS 400
Max. drilling dia.	400 mm
Max. drilling dia. with water collecting ring	302 mm
Stroke	605 mm
Column length*	925 mm
Angle adjustment	0 - 45° infinitely
Base plate	390 x 520 mm
Weight	22.7 kg
Fixing options	BFS 2 mounting set

* Different column lengths on request



WATER COLLECTING RING

up to max. drilling dia. 302 mm, with clamp and sealing cover

ORDER-NO. WS 3C



MOUNTING SET

comprising threaded rod, clamping nut, M12 metal anchors 25 pieces, washer and setting tool

ORDER-NO. BFS 2



INDUSTRIAL VACUUM CLEANER

for wet and dry vacuum cleaning

ORDER-NO. ISC

for wet and dry vacuum cleaning, BGIA dust class M, automatic filter cleaning **ORDER-NO. ISPS**

Further information can be found on page 84.



SEALING COVER

for WS 3C water collecting ring

ORDER-NO. DM 3C



METAL ANCHORS

25 pieces

ORDER-NO. EA



ASG



APPLICATIONS

- Dust-free drilling
- Clean diamond core drilling
- Especially when working in closed rooms
- Suitable for all rotary hammers and diamond core drills, also other manufacturers' machines

FEATURES

- Dust-free air when working
- Dust-free working environment to protect the user
- Minimum pollution of the immediate environment
- No time-consuming cleaning of the workplace
- Simple handling: connect the vacuum cleaner suction hose, the suction cup sucks itself onto the surface
- Adheres securely on various surfaces
- Universally applicable for drilling up to dia. 250 mm



TECHNICAL DATA	1 · ASG 12	2 · ASG 68	3 · ASG 117	4 · ASG 202	5 · ASG 250
Drilling range	up to dia. 12 mm	up to dia. 68 mm	up to dia. 117 mm	up to dia. 202 mm	up to dia. 250 mm
Dry drilling	•	•	-	-	-
Wet diamond core drilling	-	•	•	•	•
Connection dia. suction hose	32 - 37 mm	32 - 37 mm	32 - 37 mm	32 - 37 mm	32 - 37 mm
ORDER-NO.	ASG 12	ASG 68	ASG 117	ASG 202	ASG 250



ELBOW FITTING
for drilling in hollows and recesses with ASG 68, ASG 117, ASG 202 and ASG 250 suction cups
ORDER-NO. WST

SEALING COVER
for ASG 117 suction cup
ORDER-NO. DM 117
for ASG 202 suction cup
ORDER-NO. DM 202
for ASG 250 suction cup
ORDER-NO. DM 250



INDUSTRIAL VACUUM CLEANER
for wet and dry vacuum cleaning
ORDER-NO. ISC
for wet and dry vacuum cleaning, BGIA dust class M, automatic filter cleaning
ORDER-NO. ISPS

Further information can be found on page 84.

MASH · MASP



APPLICATIONS

- Dust-free chiselling and demolition work
- Especially when chiselling in closed rooms
- Suitable for all DUSS combi hammers, breakers and demolition hammers

FEATURES

- Optimum dust extraction during all chiselling and demolition work
- Dust-free working environment to protect the user
- Minimum cleaning of the immediate environment required
- Simple mounting of dust extractor to machine
- Practical length adjustment to suit different chisel lengths
- Maximum manoeuvrability thanks to swivelling housing
- Protection from damage through inadvertently switching-on the drilling function thanks to the free-floating housing
- Slim line, compact design
- Chuck of the machine remains dust-free as the dust extractor and the chuck are separated
- Prolonged service life of machine components



TECHNICAL DATA	1 · MASH 1	2 · MASH 2	3 · MASH 3	4 · MASP
For DUSS machines with	side handle	side handle	side handle	D-handle
Suitable machines	P 30, PK 35, PK 45, PK 45 A, PK 75, PK 75 A	P 60 A, P 90, PX 48 A, PX 76, PX 78, PX 96	P 26 C, PK 2	PKX 4 A, PKX 7, PK 160 A, PK 300 A, PK 600
For chisels with overall length	340 - 490 / 620* mm	340 - 490 / 620* mm	180 - 300 / 580* mm	320 - 490 / 670* mm
Connection dia. suction hose	32 - 37 mm	32 - 37 mm	32 - 37 mm	32 - 37 mm
ORDER-NO.	MASH 1	MASH 2	MASH 3	MASP

* In conjunction with VLMA extension



EXTENSION**

for use of chisels with overall length of 300 mm to 580 mm or of 490 mm to 670 mm

ORDER-NO. VLMA



CARRYING CASE

for MASH 1, MASH 2 and MASH 3 dust extractors

ORDER-NO. SHT

for MASP dust extractor

ORDER-NO. SPT



INDUSTRIAL VACUUM CLEANER

for wet and dry vacuum cleaning

ORDER-NO. ISC

for wet and dry vacuum cleaning, automatic filter cleaning

ORDER-NO. ISPS

Further information can be found on page 84.

** MASH 1, MASH 2 and MASH 3: accessory; MASP: included in standard specification

ASF



APPLICATIONS

- Tiling and installation works
- Dust-free, dry diamond core drilling in tiles, stoneware, ceramics, marble, granite
- Dust-free, precise working on tiles before installing, even on large tiles
- Suitable for all angle grinders and rotary drills, also other manufacturers' machines

FEATURES

- Low and open housing allows an unlimited view of the working area for precise drilling with pinpoint accuracy
- Flexible adjustment of the suction hood opening to different drilling diameters thanks to the infinitely slidable covering
- Drilling of tiles is possible in closed rooms — no walking of long distances to get outside, saving time and costs
- Dust-free working environment to protect the user, less cleaning work
- Simple handling
- No auxiliary tools required, no mounting on the machine
- Wheel guard of angle grinders can be used



TECHNICAL DATA	ASF
Drilling range with diamond core bit, in tiles and ceramics	up to dia. 120 mm
Related products	LD, LDM, LDF
Connection dia. suction hose	30 - 40 mm
ORDER-NO.	ASF



DIAMOND CORE BITS AND ROUTER BITS

for dry drilling or routing of holes in tiles, stoneware, ceramic, marble and granite.

Further information can be found on page 94.



INDUSTRIAL VACUUM CLEANER

for wet and dry vacuum cleaning

ORDER-NO. ISC

for wet and dry vacuum cleaning,

BGIA dust class M, automatic

filter cleaning **ORDER-NO. ISPS**

Further information can be found

on page 84.

ISC · ISPS



APPLICATIONS

- For wet and dry vacuum cleaning

FEATURES

- Integrated appliance socket with automatic on/off switch
- Automatic filter cleaning, cleans filter during work breaks
- Best suction results due to powerful suction turbine
- Excellent handling thanks to compact design
- Warning lamp if volume flow is too low
- Soft start and after-run control
- Speed infinitely adjustable
- Water level detection with sensor-controlled shut-off
- Fleece filter bags for uncomplicated disposal
- Practical storage place for tools and small parts
- Robust housing

TECHNICAL DATA	ISC
Rated power	1600 W
Max. volumetric flow rate	45 l/s** (75 l/s*)
Max. partial vacuum	245 mbar** (280 mbar*)
Max. container volume	25 l
Weight	12.2 kg
Suction hose	dia. 35 mm, 5 m
Safety class	I
ORDER-NO.	ISC

APPLICATIONS

- For wet and dry vacuum cleaning
- BGIA dust class M

FEATURES

- Permanent, automatic filter cleaning as and when required also during operation
- Integrated appliance socket with automatic on/off switch
- Pressure difference control for constant monitoring of current filter occupancy
- Constantly high air flow even during filter cleaning
- Best suction results due to powerful suction turbine
- Special PE emptying bags for dust-free disposal
- Volume flow monitoring, adjustable for different suction hose diameters
- Warning lamp and signal tone if volume flow is too low
- Soft start and after-run control
- Two-stage speed control
- Water level detection with sensor-controlled shut-off
- Multifunctional element for attaching tensioning straps and as transport possibility of e.g. boxes on the vacuum cleaner
- Practical storage place for tools and small parts
- Robust housing

TECHNICAL DATA	ISPS
Rated power	1600 W
Max. volumetric flow rate	45 l/s** (75 l/s*)
Max. partial vacuum	245 mbar** (280 mbar*)
Max. container volume	35 l
Weight	15.6 kg
Suction hose	dia. 35 mm, 5 m
Safety class	I
ORDER-NO.	ISPS

* Measured at the motor fan ** Measured at the end of the hose

ACCESSORIES

FILTER CARTRIDGE (2 pcs.)
ORDER-NO. ISC-9 · ISP-9

SUCTION HOSE
ORDER-NO. ISC-12 · ISP-12

FLEECE FILTER BAG (5 pcs.)
ORDER-NO. ISC-11 · ISP-11

HOSE CONNECTION,
vacuum cleaner side, bayonet
ORDER-NO. ISC-13 · ISP-13

SUCTION HOSE, antistatic
ORDER-NO. SSL

HOSE CONNECTION,
tube side
ORDER-NO. ISC-14 · ISP-14

CREVICE NOZZLE
ORDER-NO. ISC-15 · ISP-15

RUBBER NOZZLE
ORDER-NO. ISC-16 · ISP-16

CONNECTING SLEEVE, stepped
ORDER-NO. ISC-17 · ISP-17

ACCESSORY KIT (Floor nozzle with plastic tube, crevice nozzle, auxiliary air slide, accessory holder)
ORDER-NO. EWB

PE EMPTYING BAG (5 pcs.) only suitable for ISPS
ORDER-NO. ISP-200

LC

TUNGSTEN CARBIDE
HARTMETALL

HIGH SPEED
PRECISION



APPLICATIONS

- Installation holes and continuous drilling of the highest precision
- PVC, PE, PP, GFRP, acrylic glass, polycarbonate
- Massive wood, OSB, particle boards, veneered chipboards, plywood, wire mesh plywood, laminate, MDF, HDF
- Artificial resin, e.g. Pertinax, Trespa, Resopal

FEATURES

- Extremely short drilling times and enormous time savings, thanks to innovative cutting technology and premium-quality carbide inserts
- Smooth, quiet running, exact concentricity and high drilling stability
- Easy hole saw change and quick drill core removal thanks to quick change system
- Excellent surface finish quality of the drill hole, making deburring unnecessary
- Optimal chip removal thanks to extra large chip space
- Minimal heat development
- Exceptionally long service life of the premium-quality carbide inserts
- Reasonable insert protrusion, more safety, no catching
- Reliable centring and hole saw guidance thanks to robust pilot drill

LC HOLE SAW

Drilling dia. mm	ORDER-NO.
25	LC 25
32	LC 32
40	LC 40
50	LC 50
63	LC 63

QUICK CHANGE SYSTEM

Drilling dia. mm	ORDER-NO.
68	LC 68
75	LC 75
83	LC 83
90	LC 90
126	LC 126

+ Optimal positioning and smooth, quiet running also when drilling angular at extreme angles

TECHNICAL DATA	LC	
Recommended speed for drilling dia.	Wood composites (rpm)	Plastic materials (rpm)
up to 45 mm	2000	2000
46 - 60 mm	2000	1600
61 - 80 mm	2000	1200
81 - 110 mm	1500	900
111 - 126 mm	1200	700
Drilling depth	70 mm	
Connecting thread	Quick change system	



QUICK CHANGE SYSTEM

with pilot drill bit for LC hole saw, bayonet catch, quick change between hole saws of different diameters, easy removal of drill core, optimal power transmission, exact concentricity, shank dia. 10 mm
ORDER-NO. BC



SUCTION CUP

self-wall-adhering, for clean drilling up to drilling dia. 68 mm. Further information can be found on page 81.
ORDER-NO. ASG 68

LS

TUNGSTEN CARBIDE
HARTMETALL

HIGH SPEED
PRECISION



APPLICATIONS

- Drilling connecting holes for branch pipes in plastic sewer pipes
- Drilling holes in plastic containers

FEATURES

- Short drilling times and enormous time savings, thanks to innovative cutting technology and premium-quality carbide inserts
- Fast and reliable drilling, even into thick-walled pipes or containers
- Excellent surface finish quality of the drill hole, making deburring unnecessary
- Hand-held drilling of all diameters with DIA 303 and DIA 303 W diamond core drills
- Smooth and clean holes, even in corrugated pipes
- Exceptional prolonged endurance of the carbide inserts
- The drill core is automatically ejected from the core cutter and captured on the tip of the pilot drill bit, with LSZ 1 pilot drill bit

TECHNICAL DATA **LS**

Recommended speed for drilling dia.	
40 - 82 mm	1400 - 700 rpm
83 - 142 mm	700 - 400 rpm
143 - 202 mm	400 - 280 rpm
203 - 322 mm	280 - 180 rpm
Drilling depth	163 mm
Connecting thread	G 1/2"
Recommended drills	DIA 200, DIA 300, DIA 303, DIA 100 W, DIA 150 W, DIA 300 W, DIA 203 W, DIA 303 W

LS CORE CUTTER

G 1/2"

Drilling dia. mm	ORDER-NO.	Drilling dia. mm	ORDER-NO.
40	LS 40	142	LS 142
42	LS 42	147	LS 147
50	LS 50	152	LS 152
52	LS 52	160	LS 160
62	LS 62	162	LS 162
67	LS 67	164	LS 164
75	LS 75	167	LS 167
77	LS 77	172	LS 172
82	LS 82	178	LS 178
92	LS 92	182	LS 182
95	LS 95	187	LS 187
102	LS 102	195	LS 195
112	LS 112	200	LS 200
117	LS 117	207	LS 207
123	LS 123	250	LS 250
127	LS 127	257	LS 257
137	LS 137	322	LS 322

- + Right-angled drilling with BST drill stand **UP TO DRILLING DIA. 257 MM WITHOUT MOUNTING**, forces are compensated by the drill stand
- + **15 SECONDS DRILLING TIME IN 13 MM THICK SEWER PIPE** with LS 200 hole saw and DIA 303 W diamond core drill
- + **DRILLING OF MANHOLES** in plastic containers up to drilling dia. 650 mm

LB

TUNGSTEN CARBIDE
HARTMETALL

HIGH SPEED
PRECISION



APPLICATIONS

- Installation holes in solid wood ceilings for extractor fans, drain-pipes, laundry chutes, etc.
- Holes in wall panelling for filling insulation material, e.g. cellulose insulation
- Installation holes in glued laminated timber for heating pipes
- Holes in glued laminated timber for optical purposes
- Ducts in roof panelling for flue pipes, ventilation, etc.

FEATURES

- Enormous drilling depth, also in solid wood up to 300 mm
- High drilling speed thanks to innovative cutting technology
- Excellent surface finish quality of the drill hole
- Simple drill core removal from wood core cutter, drill core drops out due to its own weight
- Hand-held drilling of all diameters with DIA 303 or DIA 303 W diamond core drills
- Fine sawdust-free drilling with extraction
- No pilot hole is necessary, with SZ quick centring bit

TECHNICAL DATA **LB**

Recommended speed for drilling dia.	
40 - 82 mm	1400 - 700 rpm
83 - 142 mm	700 - 400 rpm
143 - 202 mm	400 - 280 rpm
203 - 322 mm	280 - 180 rpm
Drilling depth	300 mm
Connecting thread	G 1/2"
Recommended drills	DIA 200, DIA 300, DIA 303, DIA 100 W, DIA 150 W, DIA 300 W, DIA 203 W, DIA 303 W



LB WOOD CORE CUTTER

G 1/2"

Drilling dia. mm	ORDER-NO.	Drilling dia. mm	ORDER-NO.
42	LB 42	127	LB 127
52	LB 52	132	LB 132
62	LB 62	142	LB 142
68	LB 68	152	LB 152
77	LB 77	162	LB 162
82	LB 82	172	LB 172
87	LB 87	182	LB 182
92	LB 92	202	LB 202
102	LB 102	250	LB 250
112	LB 112		

- + **DRILLING TIME OF 4 MINUTES** with LB 250 wood core cutter and DIA 303 W diamond core drill in **220 MM THICK SPRUCE WOOD**
- + Drilling with sawdust extraction – **IMPROVED DRILLING PROGRESS** from a drilling depth of 100 mm
- + Right-angled drilling with BST 4 drill stand **UP TO DRILLING DIA. 182 MM WITHOUT MOUNTING**, forces largely compensated by the drill stand

We can also manufacture wood core cutters not included in our standard range on request. This affects both the diameter and working length. Accessories for LB can be found on pages 88 and 89.

ACCESSORIES

LS · LB



LSA 1 CORE CUTTER ADAPTER
for quick release system
ORDER-NO. LSA 1



DRILL ADAPTER
for quick release system
ORDER-NO. SVM



LSA 2 CORE CUTTER ADAPTER
for threaded connection
ORDER-NO. LSA 2



LSA 3 CORE CUTTER ADAPTER
for keyless chuck, shank dia. 13 mm
ORDER-NO. LSA 3



LSA 4 CORE CUTTER ADAPTER
for SDS-max chuck (for impact-free drilling)
ORDER-NO. LSA 4



CARRYING CASE
for core cutters to drilling dia. 200 mm and accessories
ORDER-NO. LSK

LS



LSA 5 CORE CUTTER ADAPTER
for SDS-plus chuck (for impact-free drilling)
ORDER-NO. LSA 5



PILOT DRILL BIT WITH EJECTOR
drilling dia. 14 mm, overall length 300 mm,
the drill core is automatically ejected from the
LS core cutter and captured on the tip of the
pilot drill bit
ORDER-NO. LSZ 1



PILOT DRILL BIT
drilling dia. 12 mm, overall length 250 mm
ORDER-NO. LSZ 2



CENTRING ROD
overall length 385 mm, as centring aid for
angular drill holes with LS core cutter
ORDER-NO. ZST



DRILL STANDS

for right-angled and centric drilling in smooth sewer pipes

ORDER-NO. BST 1

for right-angled and centric drilling in pipes with corrugated surfaces

ORDER-NO. BST 2

Further information can be found on page 90.



LB



QUICK CENTRING BIT

for rapid, hand-held centring up to dia. 132 mm. The spring-loaded centring bit retracts when drilling starts. No pilot hole is necessary. For LB wood core cutter with working length of 250 mm to 300 mm.

ORDER-NO. SZ



CENTRING RODS

overall length 385 mm, as centring aid for large drill holes with LB wood core cutter

ORDER-NO. ZST

overall length 550 mm, as centring aid for angular drill holes with LB wood core cutter

ORDER-NO. ZST 6



BST 4 DRILL STAND

for right-angled drilling on level surfaces.

Further information can be found on page 90.

ORDER-NO. BST 4



Extraction accessories for fine sawdust-free drilling with LB wood core cutter can be found on page 71.

BST

**PREFERRED
BY EXPERTS**

1 2



3 4



5 6



RECOMMENDED DRILLS

- DIA 200, DIA 300, DIA 303, DIA 303 S, DIA 52 W, DIA 100 W, DIA 150 W, DIA 300 W, DIA 203 W, DIA 303 W

APPLICATIONS BST 1 · BST 3

- Right-angled and centric drilling in smooth sewer pipes made of concrete and plastic materials

APPLICATIONS BST 2 · BST 5

- Right-angled and centric drilling in corrugated sewer pipes, e.g. made of plastic materials

APPLICATIONS BST 4 · BST 6

- Right-angled drilling on level surfaces, e.g. for railings, heavy-duty anchors, supports
- Right-angled drilling in wood or plastic sheets

FEATURES

- Convenient, adaptable drilling in confined areas
- No additional mounting required, short set-up times
- No pilot drill bit or centring rod required
- No tilting
- Forces and torques largely compensated for by the stand
- Vertically adjustable drill holder for core bits of different length

BST 1 · BST 2 · BST 3 · BST 5 ADDITIONAL FEATURES

- Optimum support of the drill stand on the sewer time
- Drilling can be carried out even on a level surface
- Precision drilling through the centre axis of the pipe ensures that connecting pipes are completely leakproof

BST 4 · BST 6 ADDITIONAL FEATURES

- Very small installation area

TECHNICAL DATA	1 · BST 1	2 · BST 3	3 · BST 2	4 · BST 5	5 · BST 4	6 · BST 6
Max. drilling dia.	257 mm	257 mm	257 mm	257 mm	182 mm	182 mm
Stroke	170 mm	170 mm	170 mm	170 mm	170 mm	170 mm
Clamping	dia. 43 mm	dia. 60 mm*	dia. 43 mm	dia. 60 mm*	dia. 43 mm	dia. 60 mm*
Min. outer dia. of sewer pipe	200 mm	200 mm	200 mm	200 mm	-	-
Max. core bit length**	300 mm	300 mm	300 mm	300 mm	350 mm	350 mm
Weight	5.8 kg	5.8 kg	5.8 kg	5.8 kg	7.0 kg	7.0 kg
ORDER-NO.	BST 1	BST 3	BST 2	BST 5	BST 4	BST 6

* Available reducing rings for the clamping for reduction from dia. 60 mm to dia. 43, 48, 53, 58 mm, **ORDER-NO. BST-RR 43, BST-RR 48, BST-RR 53, BST-RR 58**

** For the use of core bits with length of 500 mm, different column length on request

BKFE

**PREFERRED
BY EXPERTS**



APPLICATIONS

- For holding the drill core when drilling in already laid sewer pipes, regardless of the diameter of the sewer pipe, weight of the drill core or general environmental conditions
- Drill core cannot fall into the pipe

FEATURES

- Drill core remains reliably in the drill core catcher
- No time-consuming removal of the drill core from the sewer pipe
- Simple application and assembly, short set-up times
- Suitable for all commercially available pipe walls
- Insensitive to dirt
- Suitable for all diamond core drills and diamond core bits from drilling dia. 90 mm and minimum working length 300 mm



TECHNICAL DATA	BKFE 300	BKFE 400	BKFE 500
Required pilot hole	dia. 20 mm	dia. 20 mm	dia. 20 mm
Max. pipe wall thickness	150 mm	150 mm	150 mm
Minimum core bit working length	300 mm	300 mm	300 mm
From drilling dia.	90 mm	90 mm	90 mm
Pipe dia.	DN 300	DN 400	DN 500
Weight	0.6 kg	0.7 kg	0.8 kg
ORDER-NO.	BKFE 300	BKFE 400	BKFE 500

LI



APPLICATIONS

- Universal use in wood and wood composites, plastic materials, metals and non-ferrous metals, plasterboards and gypsum blocks, cellular concrete and sandwich-structured materials

FEATURES

- Smooth, quiet running, even cutting and quick chip ejection
- Long-lasting cutting lifetime thanks to hard-wearing, sharp toothed blade made of HSS Co8
- High stability due to accurate and tear-resistant welding seam as well as to special alloy hole saw body and robust base plate
- Minimal vibrations thanks to optimised toothing and cutting angle
- Side slots in the hole saw body make drill core ejection easier
- Combination toothing with 4 – 6 teeth per inch

HSS CO8 LI BIMETAL HOLES AW Overall length 46 mm, working length 38 mm

Drilling dia. mm	ORDER-NO.	Drilling dia. mm	ORDER-NO.
14	LI 14	57	LI 57
16	LI 16	59	LI 59
17	LI 17	60	LI 60
19	LI 19	64	LI 64
20	LI 20	65	LI 65
21	LI 21	67	LI 67
22	LI 22	68	LI 68
24	LI 24	70	LI 70
25	LI 25	73	LI 73
27	LI 27	74	LI 74
29	LI 29	76	LI 76
30	LI 30	83	LI 83
32	LI 32	86	LI 86
33	LI 33	89	LI 89
35	LI 35	92	LI 92
37	LI 37	95	LI 95
38	LI 38	98	LI 98
40	LI 40	102	LI 102
41	LI 41	105	LI 105
43	LI 43	108	LI 108
44	LI 44	111	LI 111
46	LI 46	114	LI 114
48	LI 48	121	LI 121
51	LI 51	127	LI 127
52	LI 52	140	LI 140
54	LI 54	152	LI 152

LH



APPLICATIONS

- Universal use in wood and wood composites, GFRP, Trespa panels, plasterboards and gypsum blocks, cement fibre boards, brick, cellular concrete, wall tiles and sandwich-structured materials

FEATURES

- Significantly longer service life than conventional bimetal hole saws
- Short drilling times
- Longer working length for more flexibility, especially with thicker materials
- Optimal chip removal due to generous chip space
- Low heat development
- Longlasting, best cutting endurance thanks to premium-quality carbide inserts
- Big soldering surfaces
- High stability thanks to special alloy hole saw body and robust base plate

LH CARBIDE TIPPED HOLE SAW Overall length 64 mm, working length 52 mm

Drilling dia. mm	ORDER-NO.	Drilling dia. mm	ORDER-NO.
16	LH 16	68	LH 68
19	LH 19	70	LH 70
20	LH 20	73	LH 73
22	LH 22	76	LH 76
25	LH 25	79	LH 79
29	LH 29	83	LH 83
30	LH 30	86	LH 86
32	LH 32	89	LH 89
35	LH 35	92	LH 92
38	LH 38	95	LH 95
40	LH 40	102	LH 102
41	LH 41	105	LH 105
44	LH 44	108	LH 108
48	LH 48	111	LH 111
51	LH 51	114	LH 114
54	LH 54	121	LH 121
57	LH 57	127	LH 127
60	LH 60	133	LH 133
64	LH 64	140	LH 140
65	LH 65	152	LH 152
67	LH 67		



COUNTERSINK BIT

for LH hole saw with drilling dia. 68 mm, carbide tipped, designed for wall-recessed installation of cavity wall boxes in wood and wood composites

ORDER-NO. LRS

AN



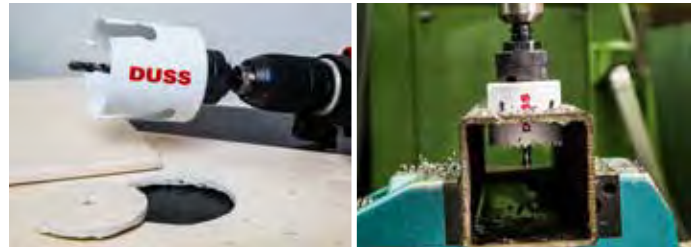
AN ARBOR with HSS Co5 pilot drill bit

APPLICATIONS

- Suitable for all conventional bimetal and carbide tipped hole saws

FEATURES

- Screw the hole saw onto the arbor – it fits easy.
Safe grip of the hole saw for reliable drilling!



TECHNICAL DATA	1 · AN 1	2 · AN 2	3 · AN 3	4 · AN 4
For hole saws with drilling dia. / DUSS hole saws	14 - 30 mm / LI	32 - 152 mm / LI	14 - 30 mm / LH	32 - 152 mm / LH
For third-party hole saws with total length	to 54 mm	to 54 mm	55 - 66 mm	55 - 66 mm
Hexagon / for chuck	9.5 mm / ≥ 10 mm	11 mm / ≥ 13 mm	9.5 mm / ≥ 10 mm	11 mm / ≥ 13 mm
ORDER-NO.	AN 1	AN 2	AN 3	AN 4

ACCESSORIES · SETS



HSS CO5 PILOT DRILL BIT

for drilling in wood, wood composites, plastic materials, metals, non-ferrous metals and sandwich-structured materials for AN 1, AN 2 hole saw arbors

ORDER-NO. ANZ 1

for AN 3, AN 4 hole saw arbors

ORDER-NO. ANZ 2



CARBIDE TIPPED PILOT DRILL BIT

for drilling in mineral materials and stone for AN 3, AN 4 hole saw arbors

ORDER-NO. ANZ 3



EXTENSION

for AN 1 and AN 3 hole saw arbor, 300 mm, 9.5 mm hexagon

ORDER-NO. VLL 1

for AN 2 and AN 4 hole saw arbor, 300 mm, 11 mm hexagon

ORDER-NO. VLL 2



HSS CO8 BIMETAL HOLE SAW SETS

Drilling dia. 19, 22, 29, 38, 44, 51, 57 mm, AN 1, AN 2 arbors

ORDER-NO. LI SET SAN

Drilling dia. 22, 29, 35, 44, 51, 68, 74 mm, AN 1, AN 2 arbors

ORDER-NO. LI SET EAN

Drilling dia. 22, 29, 35, 44, 51, 65, 83 mm, AN 1, AN 2 arbors

ORDER-NO. LI SET HAN

Drilling dia. 19, 22, 25, 29, 35, 44, 51, 57, 65, 68, 76 mm, AN 1, AN 2 arbors

ORDER-NO. LI SET UAN



CARBIDE TIPPED HOLE SAW SETS

Drilling dia. 19, 22, 29, 35, 44, 51, 57 mm, AN 3, AN 4 arbors

ORDER-NO. LH SET SAN

Drilling dia. 22, 29, 35, 44, 51, 57, 65, 68 mm, AN 3, AN 4 arbors

ORDER-NO. LH SET EAN

Drilling dia. 19, 22, 25, 29, 35, 44, 51, 57, 65, 68, 76 mm, AN 3, AN 4 arbors

ORDER-NO. LH SET UAN

LD · LDM



APPLICATIONS

- Drilling anchor holes
- Installation and assembly work in bathrooms, kitchens and on facades
- Suitable for tiles, stoneware, ceramic, marble, granite
- For rotary drills and cordless drill drivers (only LD)

FURTHER APPLICATIONS LDM

- Drilling for sockets
- Through holes for pipes
- For angle grinders with M14 thread

FEATURES

- Precise drilling without tearing
- Shortest drilling times
- Prolonged service life
- High quality diamonds
- Dry drilling
- Drilling dia. 6 - 14 mm with wax filling for cooling



1 · LD DIAMOND CORE BIT

Drilling dia. mm	ORDER-NO.
6	LD 6
8	LD 8
10	LD 10

HEXAGON 1/4" BIT

Drilling dia. mm	ORDER-NO.
12	LD 12
14	LD 14

2 · LDM DIAMOND CORE BIT

Drilling dia. mm	ORDER-NO.
6	LDM 6
8	LDM 8
10	LDM 10
12	LDM 12
14	LDM 14
20	LDM 20
25	LDM 25
28	LDM 28
30	LDM 30
32	LDM 32
35	LDM 35
40	LDM 40

M14 INTERNAL

Drilling dia. mm	ORDER-NO.
42	LDM 42
45	LDM 45
50	LDM 50
55	LDM 55
60	LDM 60
65	LDM 65
68	LDM 68
75	LDM 75
82	LDM 82
100	LDM 100
110	LDM 110
120	LDM 120

LDF



APPLICATIONS

- Routing drilling and holes as well as rounding of edges by dry grinding
- Suitable for tiles, stoneware, ceramic, marble, granite
- For angle grinders with M14 thread

FEATURES

- Rapid work progress
- Prolonged service life
- High quality diamonds
- Dry drilling



3 · LDF DIAMOND ROUTER BIT

Drilling dia. mm	ORDER-NO.
15	LDF 15

M14 INTERNAL

Drilling dia. mm	ORDER-NO.
22	LDF 22

ACCESSORIES

LD · LDM



SUCTION HOOD

for dust-free, dry diamond core drilling in tiles and ceramics.
Further information can be found on page 83.
ORDER-NO. ASF



ADAPTER

with pilot drill bit, for LDM diamond core bit, for use with chuck, 11 mm hexagon, M14 external
ORDER-NO. LDMA



CENTRING AID

for LD and LDM diamond core bits with drilling dia. 4 - 12 mm, for accurate drilling on smooth surfaces
ORDER-NO. ABH

DIAMOND CORE BIT SETS



5 pieces, drilling dia. 2x 6, 8, 10, 12 mm, for rotary drills and cordless drill drivers, hexagon 1/4" bit, with cooling wax
ORDER-NO. LD SET



5 pieces, drilling dia. 2x 6, 8, 10, 12 mm, for angle grinders, M14 internal, with cooling wax
ORDER-NO. LDM SET 1



5 pieces, drilling dia. 20, 35, 42, 55, 68 mm, for angle grinders, M14 internal
ORDER-NO. LDM SET 2



2 pieces, drilling dia. 35 and 42 mm, for angle grinders, M14 internal
ORDER-NO. LDM SET 3



3 pieces, drilling dia. 8, 68 mm, LDMZ centring aid for safe and positionally accurate tapping and drilling, e.g. for retrofitting an additional socket outlet, for angle grinder, M14 internal
ORDER-NO. LDM SET 4



4 pieces, drilling dia. 6, 8, 10, 14 mm, for angle grinders, M14 internal, with cooling wax
ORDER-NO. LDM SET 5

PRODUCT TIP

Accurate, hand-held positioning and drilling of tiles with ABH centring aid with vacuum fixing – no slipping of the bit, no scratches on the tile.



THERE WHEN YOU NEED US

What defines good service is the availability of all-round support. Whether you need advice, wish to place an order, or talk about delivery or repairs, you can always rely on top-quality support and expert advice from our specialists.



ADVISORY AND ORDERING SERVICES

You can obtain expert advice in response to technical enquiries from our experienced sales personnel. On-site advice is available from our authorised dealers.

If you wish, we will be only too pleased to give you a product presentation.

Your orders will be received by our friendly staff and dealt with immediately. Whether you contact us by phone, fax, e-mail or in person, DUSS will always be there for you.



REPAIR SERVICE

Our authorised DUSS service workshops ensure that your DUSS machine will be expertly repaired locally, in the minimum of time.

We expressly point out that repairs may only be carried out by a qualified electrician.



DELIVERY SERVICE

By a high level of stock availability and collaborating closely with our logistical contractors, we are able to offer a low-cost, reliable, fast delivery service.



SPARE PARTS SERVICE

We guarantee the continuous availability to our customers of all spare parts for the current product range and assure them that we will continue to supply spare parts for at least ten years after the production of the corresponding machine has been discontinued. As a rule, our great vertical depth of production ensures a reliable supply of spare parts over many years.



TAILOR-MADE SOLUTIONS

Standard machines and accessories are not able to meet all individual requirements. When standard solutions fail to provide precisely what you are looking for, we are happy to help with customised alternatives. We will use our extensive pool of experience to develop, design and produce the right individual solution for your specific application.



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VALUE RETENTION

The right attention is vital to maximizing the service life of your DUSS machines. Regular care and maintenance impact positively on performance, handling and service life.



SPECIAL GREASE

for regreasing insertion ends with hexagon, SDS-plus and SDS-max shank

Special grease tube, 75 ml

ORDER-NO. FT



DRY LUBRICANT SPRAY

for the highly effective lubrication of core bit holders, insertion ends of centring aids and sliding components on drill stands, high wear protection, very good creep properties


Spray can 100 ml

ORDER-NO. TS



QUALITY FROM A SINGLE SOURCE

DUSS original tools and accessories are specially developed to meet a wide range of application requirements. Decades of experience and broad range of expertise have resulted in tools that set standards in terms of performance, precision and quality. This enables us to provide advanced solutions for major projects as well as for everyday use. Our complementary system products make work faster, more economical and more convenient - for maximum performance, efficiency and safety.



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Printed in Germany 12/2021

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