

Model	ASW 14-14 PC	ASW 18-6 PC	ASW 18-12 PC
Manufacturer Article Number	71125200950	71126660000	71126860000
Motor design	Brushless motor	Brushless motor	Brushless motor
Min./max. torque	3.0-14.0 Nm	1.2-6 Nm	3-12 Nm
Min./max. idle speed	50-530 U/min(rpm)	100-1340 U/min(rpm)	75-1020 U/min(rpm)
Max. idle speed (U/min(rpm))	530	1340	1020
Weight (kg)	1.6	1.0	1
Battery included	No	No	No
With soft start	Yes	-	-
With restart protection	Yes	-	-
71038...	Ident. No. 081	091	092
	●	○	●

Prod. Gr. 704



ACCUTEC cordless angle screwdriver ASW-PC, 18 V, up to 60 Nm

programmable, verifiable screwdriver in line with ISO 5393, VDI/VDE 2647

Application:

For driving and removing screws in poorly accessible places. Ideal for complex fittings, which can be divided into up to seven sections.

Execution:

- freely-programmable parameters: rotational speed, rotational direction, angle of rotation, torque, threshold, time
- process optimisation through up to five program steps which can be individually adjusted to the screwing application.
- programmable fuel gauge on machine
- both clockwise and anti-clockwise rotation can be parameterised
- maintenance module detects the screw operations and calibration data

- constant speed until shut off
- angle heads can be adjusted through 360°
- tongue tools can be used

Advantage:

- no speed drop when screwing thanks to speed monitoring
- simple input of data to computer
- save data for later reuse

Delivery:

no battery, charger, angle head or torque adjusting wrench.

Technical data:

- Motor design: Brushless motor
- Battery included: No



Model	ASW 18-30 PC	ASW 18-45 PC	ASW 18-60 PC
Manufacturer Article Number	71126260000	71126360000	71126460000
Min./max. torque	12-30 Nm	45-20 Nm	60-25 Nm
Min./max. idle speed	30-420 U/min(rpm)	25-310 U/min(rpm)	20-230 U/min(rpm)
Max. idle speed (U/min(rpm))	420	310	230
71038...	Ident. No. 095	097	099
	○	○	○

Prod. Gr. 704

metabo® Electronic drills

for drilling in steel up to max. Ø 16mm

Execution:

- variable speed
- Ident. No. 021: Drill spindle with hexagon socket
- Ident. No. 036:
 - drill spindle with hexagon socket
 - rotating carbon brush bridge for maximum performance

- cable-protecting ball joint for maximum freedom of movement when working
- safety coupling

Delivery:

in box



Ident. No. 021



Ident. No. 036



Mains-operated power tools \ Drills/angle drills

Model	BE 650	BE 850-2
Manufacturer Article Number	600360930	600573810
Nominal voltage (V)	230	230
Max. drilling Ø in steel (mm)	13	13
Max. drilling Ø in wood (mm)	30	40
Power input (W)	650	850
Power output (W)	320	490
Idle speed 1st gear min./max.	0-2800 U/min(rpm)	0-1100 U/min(rpm)
Idle speed 2nd gear min./max.	-	0-3100 U/min(rpm)
Max. torque (Nm)	-	36.0
Min./max. drill chuck span width	1.5-13 mm	1.5-13.0 mm
Material of the gear housing	-	Aluminium die casting
Drill chuck type	Quick action chuck	Quick action chuck
Weight (kg)	1.8	2.6
Cable length (m)	4	4
With rubber-coated handle	Yes	Yes
With overload protection	No	No
With restart protection	No	No
With electronic feedback	No	No
With impulse function	No	No
With right/left-hand rotation	Yes	Yes
70005...	Ident. No. 021	036

Prod. Gr. 745

BOSCH Electronic drills for drilling in steel up to max. Ø 16 mm

Application:

No. 70016 041: ideal for drilling holes in formwork

Execution:

- control electronics for precise spot drilling
- No. 70002:** variable speed to suit the material
- No. 70016 038:**
 - adjustment wheel for speed preselection
 - 2-speed planetary gear unit
 - Ball bearings and anti-friction bearings throughout for long service life and precise work

- Overload coupling
- No. 70016 041:**
 - synchronised 2-speed draw-key transmission; switchover possible during operation
 - Switch is operated and locked with one finger

Advantage:

- No. 70016 041:** also suitable for mixing

Delivery:

No. 70002: in box

No. 70016: depth stop, additional handle, in box



No. 70002 006



No. 70016 038

Model	GBM 6 RE	GBM 10 RE	GBM 13-2 RE	GBM 16-2 RE
Manufacturer Article Number	0601472600	0601473600	06011B2002	0601120503
Nominal voltage (V)	230	230	230	230
Max. drilling Ø in steel (mm)	6.5	10.0	13	16.0
Max. drilling Ø in aluminium (mm)	8	10.0	20	20
Max. drilling Ø in wood (mm)	15	25	32	40
Power input (W)	350	600	750	1050
Power output (W)	136	360	353	570
Idle speed 1st gear min./max.	0-4000 U/min(rpm)	0-2600 U/min(rpm)	0-1000 U/min(rpm)	0-600 U/min(rpm)
Idle speed 2nd gear min./max.	-	-	0-3000 U/min(rpm)	0-1450 U/min(rpm)
Max. torque (Nm)	12.3	20.0	39.5	50.0
Width across corners (mm)	-	-	29	-
Drill chuck type	Quick action chuck	Quick action chuck	-	Gear ring drill chuck
Weight (kg)	1.2	1.7	2.4	3.7
With rubber-coated handle	No	Yes	Yes	Yes
70002...	Ident. No. 004	006	-	-
70016...	Ident. No. -	-	038	041

Prod. Gr. 731

Angle drills

for drilling in steel up to max. Ø 10 mm

Application:

ideal for hard-to-reach areas

Execution:

- **Ident. No. 005:**
 - accelerator electronics and speed preselection with adjusting wheel
 - rugged bevel gear drive for long service life
 - transmission head height only 74 mm

Ident. No. 021:

- metal gear head
- clockwise/anti-clockwise rotation and continuously variable accelerator electronics for universal use, e.g. for thread cutting up to M6.
- conical drill shaft holder
- transmission head height: 96 mm

Delivery:


in box



Ident. No. 005



Ident. No. 021

Model		GWB 10 RE	WBP 10
Manufacturer Article Number		0601132703	72055160000
Nominal voltage (V)		230	230
Max. drilling Ø in steel (mm)		10	10
Max. drilling Ø in aluminium (mm)		12	15
Max. drilling Ø in wood (mm)		22	25
Power input (W)		400	500
Power output (W)		170	270
Idle speed 1st gear min./max.		0-1300 U/min(rpm)	0-1830 U/min(rpm)
Max. torque (Nm)		5.5	8
Min./max. drill chuck span width		-	0.8-10 mm
Width across corners (mm)		23	17
Drill chuck type		Gear ring drill chuck	Gear ring drill chuck
Weight (kg)		1.7	1.6
With rubber-coated handle		No	No
BOSCH 70105...	Ident. No.	005	-
 70105...	Ident. No.	-	021

FEIN = Prod. Gr. 704
BOSCH = Prod. Gr. 731

Cordless hammer drills, 1-speed and 2-speed

for drilling in masonry up to max. 24 mm

Application:

No. 70020: for drilling boreholes in particularly hard materials using mechanical impact.

No. 70021 011-70021 026, 70021 052: For drilling holes in especially sturdy materials with mechanical force

No. 70021 048: for the most demanding applications with large diameters (drilling, working with hollow drilling bits and hole saws) as well as screw-driving and mixing.

Execution:

- **No. 70020:**
 - adjustment wheel for pre-selecting the speed
 - wear-free cast aluminium gear case
 - spindle with hexagon socket
 - rotating carbon brush bridge
 - safety clutch
 - cable-protecting ball joint
- **No. 70021 011:** speed preselection with adjustment wheel for working with different materials
- **No. 70021 011, 70021 048:**
 - Wear-free metal gear case
 - Rotating carbon brushes

- Ball joint for maximum freedom of movement and protection from cable breakage

- **No. 70021 026:** With Rotation Control Clutch - protects the user and machine from overloading or blocking

No. 70021 026, 70021 052:

- Robust metal gear housing for long service life
- With kickback control
- With speed pre-selection

No. 70021 048:

- Mechanical overload clutch
- torque pre-selection for uniform driving in of screws

Advantage:

- **No. 70021 026-70021 048:** clutch claws unlock and torque is minimised to prevent the tool blocking abruptly

Delivery:

No. 70020 191-70021 011: quick-action drill chuck, extra handle, depth stop, in plastic case

No. 70021 026, 70021 052: In case

No. 70021 048: Quick-action drill chuck, extra handle, depth stop, in plastic case



No. 70020



No. 70021 011



No. 70021 048



No. 70021 052



Mains-operated power tools \ Hammer drills

Model	GSB 16 RE	GSB 20-2 Professional	GSB 21-2 RCT	GSB 24-2 Professional	SBEV 1000-2
Manufacturer Article Number	060114E500	060117B400	060119C700	060119C801	600783500
Nominal voltage (V)	230	-	230	-	230
Max. drilling Ø in steel (mm)	13	13	16	16	16
Max. drilling Ø in wood (mm)	30	40	40	40	40
Max. drilling Ø in concrete (mm)	16	18	22	22	20
Max. drilling Ø in masonry (mm)	18	20	24	24	22
Power input (W)	750	850	1300	1100	1010
Power output (W)	380	430	695	630	540
Idle speed 1st gear min./max.	0-2800 U/min(rpm)	0-1000 U/min(rpm)	0-900 U/min(rpm)	0-900 U/min(rpm)	0-1000 U/min(rpm)
Idle speed 2nd gear min./max.	-	0-3000 U/min(rpm)	0-3000 U/min(rpm)	0-3000 U/min(rpm)	0-2800 U/min(rpm)
Max. impact rate (U/min(rpm))	47600	51000	51000	-	53200
Max. torque (Nm)	-	36	-	40	-
Min./max. drill chuck span width	1.5-13.0 mm	1.5-13 mm	1.5-13.0 mm	1.5-13 mm	1.5-13 mm
Drill chuck type	Quick action chuck	Quick action chuck	Quick action chuck	Quick action chuck	Quick action chuck
Weight (kg)	2.2	2.9	2.9	2.9	2.7
With rubber-coated handle	Yes	Yes	Yes	Yes	Yes
With overload protection	-	Yes	-	-	No
With restart protection	-	-	-	-	Yes
With electronic feedback	No	-	Yes	-	Yes
With impulse function	-	-	-	-	No
With right/left-hand rotation	Yes	-	Yes	-	Yes
BOSCH 70021...	Ident. No. 011	026	048	052	-
metabo 70020...	Ident. No. -	-	-	-	191

BOSCH = Prod. Gr. 731
METABO = Prod. Gr. 745

ORION® Spirit level Levelling aid

Application:

facilitates drilling and screw-driving in hard-to-reach spots. suitable for all electric hand drills.

Execution:

- equipped with removable, robust and ergonomically shaped handle
- Mounted on spindle neck
- With depth stop



70056...	Ident. No. 030
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Prod. Gr. 794

Bench drill stands

For hand drills and hammer drills in stationary use

Execution:

- **Ident. No. 019:** With depth stop
- **Ident. No. 110:**
 - Adjustable depth stop
 - Asymmetrical arrangement of the column on the base plate allows larger workpieces to be processed
 - The structure of the feed drive mechanism enables the maximum drilling depth of 65 mm to be reached with one swivel movement
- **Ident. No. 201:**
 - Double drill motor guide for extra-large drilling tools

- Base plate with hole pattern for Demmeler and Siegmund system 28 welding tables
- Integrated coolant tank with flexible jointed hose
- Manual feed wheel can be positioned on either side
- Tool-free adjustable slide height

Advantage:

- Guarantees secure and precise work

Delivery:

Ident. No. 201: Includes reducing ring, diameter: 43 mm



Ident. No. 019



Ident. No. 110



Ident. No. 201

Manufacturer Article Number	MBS 165	600890000	90320223000
Model	MBS 165	890	IBS 16
Adapter Ø (mm)	43	43	53
Height (mm)	500	500	400
Overhang (mm)	165	165	-
Max. working stroke (mm)	65	65	145
Base plate length x base plate width	220 x 213 mm	220 x 213 mm	370 x 255 mm
Weight (kg)	5.0	5.5	8
MAXION 70025...	Ident. No. 019	-	-
metabo 70025...	Ident. No. -	110	-
Fein 70025...	Ident. No. -	-	201

FEIN = Prod. Gr. 704
METABO = Prod. Gr. 745
MAXION = Prod. Gr. 768

Accessories for		70025 019
70025... Fast-action chuck device MKF 40	Ident. No.	219

metabo® Magnet core drills with Weldon shaft

Application:

For drilling large diameters on magnetic workpieces.

Execution:

- Large stroke, therefore suitable for use with core drill bits, twist drills and countersinks
- Magnetic base with high retention force allows working on vertical surfaces and overhead
- Integrated coolant container for easily metered internal cooling of the core drill bit
- Bright LED light
- Restarting protection
- Hard-wearing 5-meter mains cable with rubber sheath
- Lockable carriage for comfortably changing tools

Advantage:

- Chip guard installable without tools protects user from metal chips and contact with tools
- Handle for comfortable carrying and lifting
- Protection circuit starts motor only when magnet is activated

Delivery:

Ident. No. 011: Ejector pin, securing belt, hexagon socket key size 4, chip guard, in plastic case

Ident. No. 021: Industrial holder for Weldon shank 19 mm, ejector pins 75 and 100 mm, ejector drift Morse taper 2, securing belt, hexagon socket key size 5, chip guard, plastic case



Ident. No. 011



Ident. No. 021

Manufacturer Article Number	600635500	60063650
Model	MAG 32	MAG 50
Tool holding device	Weldon	MT 2, Weldon
Max. drilling Ø of core drill bit in steel (mm)	32	50
Max. drilling Ø in steel (mm)	13	20
Max. drilling depth (mm)	50	50
Idle speed 1st gear min./max.	-	250-100 U/min(rpm)
Idle speed 2nd gear min./max.	-	200-450 U/min(rpm)
Max. idle speed (U/min(rpm))	700	-
Power input (W)	1000	1200
Power output (W)	520	620
Baseplate width (mm)	189	190
Baseplate length (mm)	90	90
Max. working stroke (mm)	160	160
Weight (kg)	11.9	12.7
With right/left-hand rotation	No	Yes
With electronic feedback	No	Yes
With overload protection	No	Yes
70 142...	Ident. No. 011	Ident. No. 021

Prod. Gr. 745



magnetic core drills – with QuickIN holder in universal and automatic versions

Application:

Ident. No. 011: For drilling large diameters on magnetic workpieces.

Ident. No. 028–036: For universal use, such as core, spiral, thread drilling as well as countersinking and reaming

Ident. No. 042: With an extra-large travel range for all drilling tasks, such as core drilling, twist drilling, thread drilling, countersinking and grinding

Execution:

- Clockwise/anti-clockwise rotation
- integrated coolant tank
- Manual feed wheel can be positioned on either side
- **Ident. No. 011, 036:** electronic speed adjustment
- **Ident. No. 011–036:**
 - Tilt sensor
 - Speed memory “Memory Function”
- **Ident. No. 028:** Electronic speed adjustment.
- **Ident. No. 028–036:** convenient magnetic retention force indicator

▪ **Ident. No. 036–042:** Torque safety clutch

▪ **Ident. No. 042:**

- Mechanical 4-speed gearing
- tilt sensor
- Rotation speed reduction

Advantage:

▪ **Ident. No. 011:**

- small, lightweight and powerful
- easy and confusion-free operating concept
- high magnetic retention force

▪ **Ident. No. 036:** digitally actuated drill feed saves times and money when drilling large volumes

Delivery:

Ident. No. 011–036: incl. coolant tank, lashing strap, swarf hook, centring pin, in plastic case

Ident. No. 042: Delivered in case with 1 coolant tank, 1 lashing strap with ratchet tool, 1 swarf hook, 2 centring pins, 1 protective cover, 1 taper drift, 1 Allen key 5 and 6 mm, 1 additional handle



Ident. No. 011



Ident. No. 028



Ident. No. 036



Ident. No. 042

Mains-operated power tools \ Magnet core drills

Manufacturer Article Number	72705361000	72704061000	72704261000	72706061000
Model	KBU 35 Q	KBM 50 U	KBM 50 auto	KBU110-4M
Type	universal	universal	fully automatic	universal
Tool holding device	QuickIN	QuickIN, MT3	QuickIN, QuickIN Max, MT3	MT 4 Weldon 32
Max. drilling Ø of core drill bit in steel (mm)	35	50	50	-
Max. drilling Ø in steel (mm)	16	23	23	-
Max. thread-cutting performance	M36	M16	-	M36
Max. countersunk Ø (mm)	31	50	-	60
Max. drilling depth (mm)	50	50	50	100
Idle speed 1st gear min./max.	-	130-260 U/min(rpm)	130-260 U/min(rpm)	100-190 U/min(rpm)
Idle speed 2nd gear min./max.	-	260-520 U/min(rpm)	260-520 U/min(rpm)	160-290 U/min(rpm)
Min./max. rotation speed at nominal load in 1st gear	130-520 U/min(rpm)	-	-	-
Idle speed 3rd gear min./max.	-	-	-	270-500 U/min(rpm)
Max. idle speed (U/min(rpm))	130	-	-	750
Max. rotation speed at nominal load (U/min(rpm))	-	-	-	430
Power input (W)	1100	1200	1200	1700
Power output (W)	550	610	600	850
Baseplate width (mm)	175	195	195	240
Baseplate length (mm)	80	90	90	120
Max. working stroke (mm)	260	145	145	280
Adherence strength	10000 N	12.5 kN	12.5 kN	23.0 kN
Weight (kg)	10.6	13.9	16.2	39.00
With right/left-hand rotation	-	-	-	Yes
70145...	Ident. No. 011	028	036	042
	●	●	●	○

Prod. Gr. 704

compact magnetic core drill KBC 35 for drilling diameters up to 35 mm

Application:

extremely small and lightweight for working in cramped and hard-to-reach places – even vertical and overhead – thanks to height of 169 mm.

Execution:

- extremely small and lightweight single-speed compact magnetic core drill with angled gear
- extremely wear-resistant and durable machine concept with zero-play sleeve feed for dimensionally accurate drilling results in heavy-duty applications in industry and crafts
- convenient magnetic retention force indicator
- electronic speed setting
- internal cooling by means of a hand pump
- speed memory “Memory Function”
- tilt sensor

Advantage:

- 7.5-kg weight allows easy machine setup
- space-saving, double-sided operation by means of ratchet tool

- ideal view of drilling point due to high gear position

Technical data:

- Manufacturer Article Number: 72721561000
- Model: KBC 35
- Tool holding device: 3/4 in Weldon
- Max. drilling diameter of core drill bit in steel: 35 mm
- Max. drilling diameter in steel: 16 mm
- Max. thread-cutting performance: M12
- Max. drilling depth: 35 mm
- Min./max. rotation speed at nominal load in 1st gear: 130-520 U/min(rpm)
- Power input: 11 kW
- Power output: 550 W
- Baseplate width: 175 mm
- Baseplate length: 80 mm
- Max. working stroke: 46 mm
- Adherence strength: 10.0 kN
- Weight: 7.5 kg
- With right/left-hand rotation: Yes



70145... | Ident. No. 005

Prod. Gr. 704

Accessories for		70145 005
70146... 3/4 to Weldon mount adapter, adapter with 3/4 inch Weldon mount	Ident. No.	005
70146... HSS twist drill set for KBC, HSS twist drill set for KBC	Ident. No.	010

drive arbors for magnetic core drills for core drilling units

Application:

Ident. No. 203: For retrofitting types KBM 52 U (7 270 31), KBM 65 Q (7 270 26) and KBM 65 QF (7 270 23)

Ident. No. 302: For the use of FEIN core drills on

table or pillar drills as well as all other core-drilling units with MK chuck

Ident. No. 303: For the use of FEIN core drills on table or pillar drills as well as core-drilling units with MK chuck: KBM 50 U, KBM 50 auto

	QuickIN shank MT 3 with integrated coolant feed, drill Ø 12–65 mm	QuickIN shank MT 2, drill Ø 12–35 mm, cutting depth 50 mm	QuickIN shank MT 3, drill Ø 12–65 mm, cutting depth 50 mm
Manufacturer Article Number	70145... Ident. No.	70145... Ident. No.	70145... Ident. No.
63901017011	203	-	-
63901018019	-	302	-
63901019013	-	-	303

Prod. Gr. 704



Ident. No. 203

**centring point for magnetic core drills****Application:****Ident. No. 510:** for core drill bits with FEIN QuickIn mount**Ident. No. 520:** Centring pin for core drill bits with M18 x 6 thread and Weldon holder

Ident. No. 510

Manufacturer Article Number			30217332009	30217333003
70145...	centring pin L = 105 mm	Ident. No.	510	-
70145...	centring pin L = 125 mm	Ident. No.	-	520

Prod. Gr. 704

**Cemented carbide core drill bit with QuickIN holder****For maximum service life and optimum cutting performance****Technical data:**

■ Cutting depth: 35 mm

Manufacturer Article Number	Drill Ø (mm)	70147... Ident. No.	
63127086019	12	120	●
63127087013	13	130	●
63127088011	14	140	●
63127089015	15	150	●
63127091016	17	170	●
63127092019	18	180	●
63127093013	19	190	●
63127094011	20	200	●
63127095015	21	210	●
63127096018	22	220	●
63127099014	25	250	●
63127100015	26	260	●
63127102017	28	280	●
63127104019	30	300	●
63127106016	32	320	●
63127109012	35	350	●
63127114018	40	400	●
63127119011	45	450	●
63127124017	50	500	●
63127129010	55	550	●
63127134016	60	600	●
63127139019	65	650	●

Prod. Gr. 704

**HSS Nova core drill bit with QuickIN holder for FEIN magnetic core drills****Cutting depth 50 mm****Technical data:**

■ Cutting depth: 50 mm

Manufacturer Article Number	Drill Ø (mm)	70146... Ident. No.	
63133119052	12	121	●
63133129052	13	131	●
63133140052	14	141	●
63133150052	15	151	●
63133159052	16	161	●
63133170052	17	171	●
63133180052	18	181	●
63133189052	19	191	●
63133199052	20	201	●
63133210052	21	211	●
63133219052	22	221	●
63133240052	24	241	●
63133250052	25	251	●
63133259052	26	261	●
63133270052	27	271	●
63133279052	28	281	●
63133299052	30	301	●
63133319052	32	321	●

Prod. Gr. 704



BOSCH Impact screwdrivers

with 1/2 inch square drive/1 inch square drive

Application:

Ident. No. 007: Ideal for wheel mounting on lorries, screw connections in the steel industry and mechanical engineering as well as for boiler and pipeline construction

Ident. No. 010: for heavy-duty screw connections on trucks, agricultural machinery, in commercial vehicle construction, in heavy industry and the petrochemical industry

Execution:

- V-slot impact mechanism with low back torque and long service life
- suspension hook for attaching to a spring balancer
- **Ident. No. 007:** Allows for powerful tightening and loosening of screws up to a diameter of M24
- **Ident. No. 010:**
 - torsion rods (special accessories) guarantee that the required torque is maintained
 - additional handle with support plate can be fitted in two positions for improved handling



Ident. No. 007



Ident. No. 010

Model	GDS 24 Professional	GDS 30
Manufacturer Article Number	060 1434 103	060 1435 103
Power input (W)	800	920
Suitable for screw	M24	M30
Max. torque for hard screwing application (Nm)	600	1000
Max. torque for soft screwing application (Nm)	300	500
Max. idle speed (U/min(rpm))	950	-
Tool holding device	3/4-inch external square	1-inch external square
Weight (kg)	5.7	7.3
With rubber-coated handle	Yes	No
71031...	Ident. No. 007	010

Prod. Gr. 731

Makita Impact screwdrivers

with 1/2 inch square drive

Application:

for driving in and extracting screws and nuts with high torque.

Execution:

- impact mechanism housing made of high-pressure die-cast aluminium
- **Ident. No. 071:** electronic control
- **Ident. No. 090:** Rocker switch for switching rapidly between clockwise and anti-clockwise rotation

Advantage:

- **Ident. No. 071:** carbon brush can be replaced from the outside
- **Ident. No. 090:** Carbon brush can be replaced from the outside

Delivery:

Size 24 socket wrench insert, O-ring, locking pin, in size 2 MAKPAC

Notes:

indicated screw sizes refer to standard screws



Ident. No. 071



Ident. No. 090

Manufacturer Article Number	TW0200J	TW0350J
Power input (W)	380	400
Suitable for screw	M10 - M16	M12 - M20
Max. torque for hard screwing application (Nm)	200	350
Max. idle speed (U/min(rpm))	2200	2000
Max. impact rate (U/min(rpm))	2200	2000
Tool holding device	1/2-inch external square	1/2-inch external square
Weight (kg)	2.2	3.0
71031...	Ident. No. 071	090

Prod. Gr. 715

BOSCH Hammer drills

for drilling in concrete up to max. 45 mm

Application:

Ident. No. 004, 076: For drilling and chiselling with pneumatic impact mechanism, in stone and concrete.

Ident. No. 044: For drilling and chiselling with pneumatic striking tools in stone and concrete

Ident. No. 237-273: for drilling and chipping in stone and concrete with pneumatic impact mechanism.

Execution:

- **Ident. No. 004:** Continuous speed control
- **Ident. No. 004, 076:** Overload coupling
- **Ident. No. 004, 076-273:** Vibration Control vibration damping
- **Ident. No. 044:** Variable rotation speed
- **Ident. No. 044, 237-273:** overload coupling
- **Ident. No. 076, 273:** replacement chuck for switching rapidly between drilling with impact in concrete and drilling without impact in wood and metal
- **Ident. No. 076-273:** continuous speed control
- **Ident. No. 237-273:**
 - ball joint for preventing cable breakage

- rotatable brush plate for equal force in clockwise and anti-clockwise rotation

Advantage:

- clutch claws unlock and torque is minimised to prevent the tool blocking abruptly

Delivery:

Ident. No. 004, 237: Machine cloth, additional handle, depth stop 210 mm, additional handle, in L-Boxx

Ident. No. 044: In case

Ident. No. 076: Grease tube, quick-action drill chuck 13 mm, replacement SDS-plus drill chuck, additional handle, depth stop 310 mm, in tool case

Ident. No. 273: Quick-action drill chuck 13 mm, replacement SDS-plus drill chuck, additional handle, depth stop 210 mm, in L-Boxx

Technical data:

- Max. drilling diameter in steel: 13 mm
- With rubber-coated handle: Yes
- With chisel function: Yes



Ident. No. 004

Ident. No. 044

Ident. No. 237

Ident. No. 273

Ident. No. 076

Model	GBH 2-20 D	GBH 2-26 F / SDS-plus	GBH 2-28	GBH 2-28 F	GBH set 4-32 DFR
Manufacturer Article Number	061125A400	061124A000	0611267501	0611267601	0611332101
Max. impact energy (J)	1.7	2.7	3.2	3.2	4.2
Max. impact rate (U/min(rpm))	4200	4000	4000	4000	3600
Min./max. impact rate	0-4200 U/min(rpm)	0-4000 U/min(rpm)	0-4000 U/min(rpm)	0-4000 U/min(rpm)	0-3600 U/min(rpm)
Power input (W)	650	830	880	880	900
Max. recommended drilling Ø in concrete (mm)	20	-	16	16	32
Max. drilling Ø in concrete (mm)	-	26	-	-	-
Max. drilling Ø in wood (mm)	30	30	30	30	32
Max. drilling Ø in masonry (mm)	-	68	-	-	-
Max. core drill bit Ø (mm)	68	-	68	68	90
Idle speed 1st gear min./max.	-	0-900 U/min(rpm)	-	-	-
Tool holding device	-	Drill chuck Auto-Lock	-	-	-
Weight (kg)	2.3	2.9	2.9	3.1	4.7
With speed control	-	Yes	-	-	-
With electronic feedback	No	-	No	No	No
With soft start	No	-	No	No	No
With stroke stop	Yes	-	-	-	-
With restart protection	No	-	No	No	No
With reverse switch off	No	-	Yes	Yes	No
70 170...	Ident. No. 004	044	237	273	076

Prod. Gr. 731

BOSCH Chisel with SDS-plus/max drive arbor

For hammer drills with rotary stop

Application:

For cutting and machining stone and metal.



Ident. No. 611-621

Ident. No. 631

Ident. No. 651

Ident. No. 712

Type	SDS-plus point chisel	SDS-plus flat chisel	SDS-plus hollow gouging chisel	SDS-plus tile chisel	SDS-max point chisel	SDS-max flat chisel	SDS-max tile chisel
Manufacturer Article Number	2609390576	2609390394	1618601004	2608690091	2608690167	2608690124	2608690098
Length (mm)	250	250	250	260	400	400	300
Width of cutting edge (mm)	-	20	22	40	-	25	50
70 175...	Ident. No. 611	621	631	651	712	723	751

Prod. Gr. 732

metabo® angle grinder

with disc Ø 115 to 230 mm

Execution:

- **Ident. No. 222, 262–326, 330–421:** Cut-out carbon brushes for protecting the motor
- **Ident. No. 222, 262–421:** Metabo S-automatic mechanical safety clutch
- **Ident. No. 243:**
 - Tool-free, quick disc change at the touch of a button with Metabo M-Quick system
 - Metabo S-automatic mechanical safety coupling: minimises kickback when the disc is blocked
 - Restart protection after power failure
- **Ident. No. 292, 321–326, 330, 421:** Integrated autobalancer
- **Ident. No. 298–316:** Tacho-Constamatic (TC) full-wave electronics: consistent rotation speed under load for good work progress
- **Ident. No. 328:** cut-out carbon brushes protect the motor

Advantage:

- **Ident. No. 328:** maximum productivity: first 1700-W angle grinder with the power of a large model and the easy handling of a small sander for extremely fast material removal in industrial applications

Delivery:

Ident. No. 222: Protective cover, support flange, M-Quick clamping nut, extra handle

Ident. No. 243–262: Protective hood, support flange, M-Quick clamping nut, extra handle

Ident. No. 282: Protective cover, support flange, M-Quick clamping nut, extra VibraTech (MVT) handle

Ident. No. 292–326, 330–421: Protective cover, support flange, M-Quick clamping nut, extra VibraTech (MVT) handle

Ident. No. 328: protective cover, support flange, M-Quick clamping nut, additional Metabo Vibra Tech (MVT) handle



Model	W 9-115 Quick	WQ 1100-125	WEV 10-125 Quick	W 12-125 Quick	WA 12-125 Quick	WE 15-125 Quick	WEV 15-125 Quick	WEA 15-125 Quick
Manufacturer Article Number	600371000	610035000	600388000	600398000	600422000	600448000	600468000	600492000
Washer Ø (mm)	115	125	125	125	125	125	125	125
Power input (W)	900	1100	1000	1250	1250	1550	1550	1550
Power output (W)	550	700	590	780	780	940	940	940
Idle speed (U/min(rpm))	10500	-	-	11000	11000	11000	-	11000
Min./max. idle speed	-	-	2800-10500 U/min(rpm)	-	-	-	2800-11000 U/min(rpm)	-
Tool holding device	-	Metabo Quick	-	-	-	-	-	-
Thread dimension of spindle	M14	M14	M14	M14	M14	M14	M14	M14
Weight (kg)	2.1	2.2	2.1	2.4	2.4	2.5	2.5	2.5
With restart protection	Yes	Yes	Yes	No	No	Yes	Yes	Yes
With soft start	No	-	Yes	No	No	Yes	Yes	Yes
With overload protection	No	-	Yes	No	No	Yes	Yes	Yes
With electronic feedback	No	-	Yes	No	No	Yes	Yes	Yes
With speed pre-selection	No	-	Yes	No	No	No	Yes	No
With disc brake	No	Yes	No	No	No	No	No	No
With quick clamping system	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes
With dead man function	No	-	No	No	No	No	No	No
70373... Ident. No.	222	243	262	282	292	298	316	321

Model	WE 17-125 Quick	WEA 17-125 Quick	WEPBA 17-125 Quick	WEV 17-125 Quick	WE 24-230 MVT Quick	WEA 26-230 MVT Quick
Manufacturer Article Number	600515000	600534000	600548000	600516000	606470000	606476000
Washer Ø (mm)	125	125	125	125	230	230
Power input (W)	1700	1700	1700	1700	2400	2600
Power output (W)	1040	1040	1040	1040	1600	1800
Idle speed (U/min(rpm))	11000	11000	11000	-	6600	6600
Min./max. idle speed	-	-	-	2800-11000 U/min(rpm)	-	-
Tool holding device	-	-	-	-	-	-
Thread dimension of spindle	M14	M14	M14	M14	M14	M14
Weight (kg)	3.7	2.5	2.7	2.5	6.4	6.4
With restart protection	Yes	Yes	Yes	Yes	Yes	Yes
With soft start	Yes	Yes	Yes	Yes	Yes	Yes
With overload protection	Yes	Yes	Yes	Yes	Yes	Yes
With electronic feedback	Yes	Yes	Yes	Yes	Yes	Yes
With speed pre-selection	No	No	No	Yes	No	No
With disc brake	No	No	Yes	No	No	No
With quick clamping system	Yes	Yes	Yes	Yes	Yes	Yes
With dead man function	No	No	Yes	No	No	No
70373... Ident. No.	340	330	326	328	416	421

Prod. Gr. 745

metabo® flat head angle grinder

with disc Ø 125 mm

Application:

Specially developed for removing weld slag, rust or paint in narrow frame constructions and for working in tight spaces

Execution:

- Metabo S-automatic mechanical safety clutch
- Smallest achievable angle: 43°
- electronic safety cut-off: reduces kick-back if the disc is blocked
- Ident. No. 800:** Cut-out carbon brushes for protecting the motor
- Ident. No. 810:** cut-out carbon brushes for protecting the motor

Delivery:

Ident. No. 800: protective cover, support flange, M-Quick clamping nut, additional handle, Flexiamant Super Convex lamellar grinding disc (P60)

Ident. No. 810: protective cover, support flange, M-Quick clamping nut, additional handle, Flexiamant Super Convex lamellar grinding disc (125 mm; P60), Flexiamant Super FKS 60 rough grinding disc

Technical data:

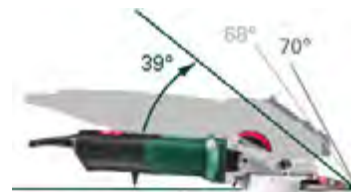
- Washer diameter: 125 mm
- Thread dimension of spindle: M14
- With restart protection: Yes
- With soft start: Yes
- With overload protection: Yes
- With electronic feedback: Yes
- With disc brake: No
- With quick clamping system: Yes
- With dead man function: No



Ident. No. 800



Ident. No. 810



Ident. No. 800
Smallest achievable angle

Model	WEF 9-125 Quick	WEF 15-125 Quick
Manufacturer Article Number	613060000	613082000
Power input (W)	910	1550
Power output (W)	430	940
Idle speed (U/min(rpm))	10000	11000
Weight (kg)	2.1	2.7
70373...	800	810
Ident. No.	●	●

Prod. Gr. 745

BOSCH angle grinder

with discs Ø 115 mm to 125 mm

Execution:

- Ident. No. 021:** 6-stage speed preselection for different materials
- Ident. No. 021, 030–610:** Direct cooling
- Ident. No. 029:**
 - Faster and more convenient tool changing due to keyless click system X-LOCK
 - With rotation speed preselection and restart protection
- Ident. No. 030–047, 610:** KickBack Stop
- Ident. No. 030–610:** Switch lock
- Ident. No. 038, 047, 610:** 6-level speed pre-selection for different materials

Advantage:

- Ident. No. 029:**

- Highest level of user protection thanks to acoustic signal for correct mounting of the tool
- Versatile – accessories are fully backwards-compatible

Delivery:

Ident. No. 021, 030: holding flange, protective cover, clamping nut, extra handle, two-hole spanner, in box

Ident. No. 029: Vibration control additional handle, protective hood; in case

Ident. No. 038–043: Holding flange, protective cover, clamping nut, extra handle, vibration control, two-hole spanner, in box

Ident. No. 047–610: Holding flange, protective cover, clamping nut, extra handle, two-hole spanner, in box



Ident. No. 021



Ident. No. 030



Ident. No. 047



Ident. No. 610

Mains-operated power tools \ Angle grinder

Model		GWS 7-115 E	GWX 9-115 S Professional	GWS 13-125 CI	GWS 13-125 CIE	GWS 17-125 CI	GWS 17-125 CIE	GWS 19-125 CI	GWS 19-125 CIE
Manufacturer Article Number		0601388203	06017B1000	060179E002	060179F002	060179G002	060179H002	060179N002	060179P002
Washer Ø (mm)		115	115	125	125	125	125	125	125
Power input (W)		300	900	1300	1300	1700	1700	1900	1900
Power output (W)		720	-	700	700	1010	1010	1220	1220
Idle speed (U/min(rpm))		-	-	11500	-	11500	-	11500	-
Min./max. idle speed		2800-11000 U/min(rpm)	2800-11000 U/min(rpm)	-	2800-11500 U/min(rpm)	-	2800-11500 U/min(rpm)	-	2800-11500 U/min(rpm)
Tool holding device		-	X-Lock	-	-	-	-	-	-
Thread dimension of spindle		M14	-	M14	M14	M14	M14	M14	M14
Weight (kg)		1.9	2.1	2.3	2.3	2.4	2.4	3.0	3.0
With restart protection		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
With soft start		No	-	Yes	Yes	Yes	Yes	Yes	Yes
With overload protection		No	-	Yes	Yes	Yes	Yes	Yes	Yes
With electronic feedback		No	-	Yes	Yes	Yes	Yes	Yes	Yes
With speed pre-selection		Yes	Yes	-	-	-	-	No	Yes
With disc brake		No	-	No	No	No	No	No	No
With dead man function		No	-	No	No	No	No	No	No
70371...	Ident. No.	021	029	030	038	043	047	600	610

Prod. Gr. 731

BOSCH angle grinder

with discs Ø 180 mm to 230 mm

Application:

For grinding and cutting off workpieces.

Execution:

- Champion motor
- Armoured windings protect motor from sharp grinding dust and guarantee long service life
- Ident. No. 052:** Bar handle
- Ident. No. 057-068:** Rotatable trigger handgrip
- Ident. No. 062:** Twist proof and rapidly adjustable protective hood for high level of user protection

Advantage:

- Reduced vibration for effortless work

Delivery:

Ident. No. 052-062: Holding flange, rapidly adjustable protective hood, clamping nut, extra handle, vibration control, two-hole key, in box

Ident. No. 065: Holding flange, quick-action clamping nut SDS, rapidly adjustable protective hood, clamping nut, extra handle, vibration control, two-hole key, in box



Ident. No. 052, 062



Ident. No. 057, 065



Ident. No. 068

Model		GWS 22-180 LVI	GWS 24-180 LVI	GWS 22-230 LVI	GWS 24-230 LVI	GWS 26-230 LVI
Manufacturer Article Number		0601890D00	0601892F00	0601891D00	0601893F04	0601895F04
Washer Ø (mm)		180	180	230	230	230
Power input (W)		2200	2400	2200	2400	2600
Power output (W)		1350	1700	1350	1700	1800
Idle speed (U/min(rpm))		8500	8500	6600	6600	6600
Thread dimension of spindle		M14	M14	M14	M14	M14
Weight (kg)		5.3	5.4	5.4	5.5	5.6
With restart protection		Yes	Yes	Yes	Yes	Yes
With soft start		Yes	Yes	Yes	Yes	Yes
With overload protection		Yes	Yes	Yes	Yes	Yes
With reverse switch off		Yes	Yes	Yes	Yes	Yes
70371...	Ident. No.	052	057	062	065	068

Prod. Gr. 731

quick clamping nut for tool-free discs

suitable for all angle grinders with M14 spindle thread



No. 70371



No. 70373

	BOSCH	metabo
Manufacturer Article Number	70371... Ident. No.	70373... Ident. No.
1603340031 630800000	100 -	- 130

BOSCH = Prod. Gr. 732
METABO = Prod. Gr. 745

INOX angle grinder – with disc Ø 125 mm

with adjustable speed for perfect stainless steel processing

Application:

No. 70373 510: Specially developed for removing weld slag, rust or paint in narrow frame constructions and for working in tight spaces

Execution:

- **No. 70371:** with 6-level speed selection for perfect machining of stainless steel
- **No. 70373:** Metabo S-automatic mechanical safety clutch
- **No. 70373 501:** speed adjustment for perfect machining of stainless steel
- **No. 70373 510:**
 - cut-out carbon brushes for protecting the motor
 - speed adjustment for perfect machining of stainless steel

Advantage:

- **No. 70371:** Vibration-reduced working thanks to additional handle vibration control
- **No. 70373 501:** Reduced vibrations while working

Delivery:

No. 70371: Protective cover, support flange, clamping nut, additional vibration control handle, two-hole spanner, in L-BOXX

No. 70373 501: Protective hood, support flange, M-Quick clamping nut, extra handle Metabo VibraTech (MVT)

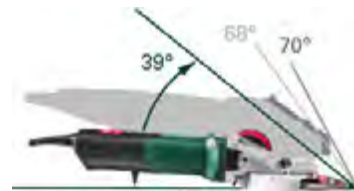
No. 70373 510: protective cover, support flange, M-Quick clamping nut, additional handle, Flexiamant Super Convex lamellar grinding disc (125 mm; P60)



No. 70373 501



No. 70373 510



Smallest achievable angle

Model	GWS 17-125 INOX	WEV 15-125 Quick Inox	WEVF 10-125 Quick Inox
Manufacturer Article Number	060179M008	600572000	613080000
Washer Ø (mm)	125	125	125
Power input (W)	1010	1550	1000
Power output (W)	-	940	590
Idle speed (U/min(rpm))	-	7600	-
Min./max. idle speed	2200-7500 U/min(rpm)	-	2000-7600 U/min(rpm)
Thread dimension of spindle	M14	M14	M14
Weight (kg)	2.4	2.5	2.3
With restart protection	Yes	Yes	Yes
With soft start	Yes	Yes	Yes
With overload protection	Yes	Yes	Yes
With electronic feedback	Yes	Yes	Yes
With speed pre-selection	Yes	Yes	Yes
With disc brake	No	No	No
With quick clamping system	No	Yes	Yes
With dead man function	No	No	No
BOSCH 70371...	Ident. No. 053	-	-
metabo 70373...	Ident. No. -	501	510

BOSCH = Prod. Gr. 731
METABO = Prod. Gr. 745

metabo® straight grinder

with variable speed

Application:

Ident. No. 007: High rotation speed makes it ideal for milling and grinding work.

Ident. No. 017: Long grinding spindle makes it ideal for use in hard-to-reach places.

Ident. No. 027: Ideal for grinding inner and outer surfaces in conjunction with disc sanders, thanks to extremely high torque.

Execution:

- adjustment wheel for pre-selecting the speed
- VC electronics for working at appropriate speeds for the material, speeds remain virtually constant under load

- Electronic overload protection
- Safety motor cut-off and restart protection
- Precision collet chuck for precise concentricity
- **Ident. No. 027:** Robust and smooth running planetary gearbox provides high torques

Delivery:

Ident. No. 007-017: Collet chuck, open-end spanner, in box

Ident. No. 027: Collet chuck, open-end spanner, protective cap, additional handle, in box



Ident. No. 007



Ident. No. 027



Mains-operated power tools \ Straight grinder

Model	GE 7 10 Compact	GE 7 10 Plus	GE 950 G Plus
Min./max. idle speed	13000-34000 U/min(rpm)	10000-30500 U/min(rpm)	2500-8700 U/min(rpm)
Power input (W)	710	710	950
Power output (W)	430	430	510
Spindle-neck Ø (mm)	43	43	43
Max. clamping Ø (mm)	6	6	6
Weight (kg)	1.4	1.6	1.7
70309...	Ident. No. 007	017	027

Prod. Gr. 745

Accessories for	70309 007	70309 017	70309 027
70309... Collet chuck Ø 3 mm	Ident. No. 110	110	110
70309... Collet chuck Ø 6 mm	Ident. No. 120	120	120
70309... Collet chuck Ø 8 mm	Ident. No. 130	130	130
70309... Flexible shaft Speed range 7,500-30,000 rpm, 8 mm	Ident. No. 205	205	205
70309... Flexible shaft Speed range 20,000-30,000 rpm, 6 mm	Ident. No. 210	210	210

BOSCH Straight grinder

with fixed or variable speed

Application:

For fine finishing, smoothing and deburring.

Execution:

- Kickback stop, direct cooling, cut-out carbon brushes
- Ident. No. 020, 045-051: 6-level speed pre-selection for different materials
- Ident. No. 042-045: Long, slim grinding spindle

Advantage:

- Ident. No. 010-020, 045: Long service life due to double-sealed ball bearings
- Ident. No. 042: Double-sealed ball bearings for long service life

Delivery:

Ident. No. 010-020: 2 x open-end spanners size 19, clamping unit

Ident. No. 042-051: Single open-ended spanners 13 mm and 19 mm, clamping unit



Ident. No. 010-020



Ident. No. 042

Model	GG5 28 C	GG5 28 CE	GG5 28 LC	GG5 28 LCE	GG5 8 CE
Idle speed (U/min(rpm))	30000	-	30000	-	-
Min./max. idle speed	-	10000-28000 U/min(rpm)	-	10000-28000 U/min(rpm)	2500-8000 U/min(rpm)
Power input (W)	600	650	650	650	750
Power output (W)	350	380	380	380	420
Spindle-neck Ø (mm)	43	43	43	43	43
Max. clamping Ø (mm)	8	8	8	8	8
Weight (kg)	1.4	1.4	1.6	1.6	1.7
With electronic feedback	Yes	Yes	Yes	Yes	Yes
With soft start	Yes	Yes	Yes	Yes	Yes
With overload protection	Yes	Yes	Yes	Yes	Yes
70301...	Ident. No. 010	020	042	045	051

Prod. Gr. 731

Accessories for	70301 010	70301 020	70301 042	70301 045	70301 051
70303... Collet chuck Ø 3 mm	Ident. No. 110	110	110	110	110
70303... Collet chuck Ø 6 mm	Ident. No. 120	120	120	120	120
70303... Collet chuck Ø 8 mm	Ident. No. 130	130	130	130	130
70303... Collet 1/8 inch	Ident. No. 140	140	140	140	140
70303... Collet chuck 1/4 inch	Ident. No. 150	150	150	150	150
70306... Clamping nut	Ident. No. 100	100	100	100	100

metabo® Milling and grinding motor

710 W

Application:

For driving flexible shafts. For universal use. Motor upgradeable to router with milling attachment (accessory).

Execution:

- adjustment wheel for pre-selecting the speed
- VC electronics for working at appropriate speeds for the material, speeds remain virtually constant under load
- Hardened and polished replaceable collet chuck for precise concentricity of tools
- Electronic overload protection

- Safety motor cut-off and restart protection

Delivery:

Two open-end spanners, in box

Technical data:

- Model: FME 737
- Min./max. idle speed: 13000-34000 U/min(rpm)
- Power input: 710 W
- Power output: 430 W
- Spindle-neck diameter: 43 mm
- Max. clamping diameter: 8 mm
- Weight: 1.4 kg



70309...

Ident. No.

090

Prod. Gr. 745

Source: Hahn+Kolb Werkzeuge GmbH

Technical data subject to change.

Availability subject to country specific rules and regulations

www.iconridge.com

Accessories for			70309 090
70309...	Collet chuck Ø 3 mm	Ident. No.	110
70309...	Collet chuck Ø 6 mm	Ident. No.	120
70309...	Collet chuck Ø 8 mm	Ident. No.	130
70309...	Flexible shaft Speed range 7,500-30,000 rpm, 8 mm	Ident. No.	205
70309...	Flexible shaft Speed range 20,000-30,000 rpm, 6 mm	Ident. No.	210



Drive unit with flexible shaft, 20/3 G, set

710 watt, voltage 230 V

Application:

For fine grinding, milling and polishing tasks, particularly in mould making

Execution:

- Overload protection
- Restart protection
- Soft start
- Connection: M10x30 thread

Advantage:

- Machine can be operated when suspended or standing
- Automatic cut-off when carbon brushes become worn

- Constant speed even under loads

Delivery:

DV 6 1.5-m flexible shaft, straight handpiece

Technical data:

- Manufacturer Article Number: 10405005
- Power input: 710 W
- Min./max. rotation speed: 13000-34000 U/min(rpm)
- Sound-pressure level: 78 dB
- Max. clamping diameter: 6 mm
- Weight: 2.9 kg
- IP protection class: IP 20



Drive unit with flexible shaft, 20/3 G, set	72120...	Ident. No.	012
Flexible shaft handpiece	72124...	Ident. No.	021

Prod. Gr. 749



Drive unit with flexible shaft

Voltage 230 V, 50 Hz, shockproof, suppressed

Application:

For light grinding, milling or drilling tasks.

Execution:

- Quick-change system: EZ Twist
- Soft-grip handle

- Replaceable carbon brushes
- Collet chuck lock
- Integrated suspension loop

Delivery:

Dremel 3000, flexible shaft, 25 accessories including SpeedClic, carrying case.

Model	3000-1/25
Manufacturer Article Number	F0133000JP
Min./max. clamping Ø	0.8-3.2 mm
Min./max. rotation speed	10000-33000 U/min(rpm)
Power input (W)	130
Weight (kg)	0.55
72140...	Ident. No. 041

Prod. Gr. 768



FLEX polishing machine PE 14-3 125 set

for working with polishing tools from Ø 80 to max. Ø 160 mm

Application:

For polishing and sealing painted surfaces. With its wide speed range, it is optimally suitable for working with polishing tools from dia. 80 mm to max. dia. 160 mm

Recommended polishing tool dia. 140 mm.

soft start, accelerator switch, restart lock after power failure, overload protection, temperature monitoring and speed pre-selection

- Spindle lock
- H05-BQF cable (4 m)

Execution:

- FLEX VR microprocessor electronics: constant speed maintenance system with tachogenerator,

Delivery:

side handle, hook and loop plates of diameter 125 mm, polishing sponge blue PS-B 160, polishing sponge white PS-W 160, micro-fibre polishing cloth, NanoPolish & Wax 250 ml, in box

Model	PE 14-3 125 set
Manufacturer Article Number	407569
Max. polishing element Ø (mm)	160
Washer Ø (mm)	150
Min./max. idle speed	1100-3700 U/min(rpm)
Power output (W)	880
Power input (W)	1400
Thread dimension of spindle	M14
Weight (kg)	2.2
70380...	Ident. No. 012

Prod. Gr. 707



FLEX BSE 14-3 100 calender set

1400 watt, voltage 230 V

Application:

For optimal processing of various materials when satin-finishing, texturing, polishing, brushing, smoothing, removing rust, deburring steel and stainless steel surfaces

Execution:

- Microprocessor electronics: with constant speed maintenance system by means of tachogenerator, soft start, overload protection and speed pre-selection
- Adjustable protective hood: for grinding tools up to 125 mm

- Tool-free grinding tool replacement via patented quick-change system
- spindle lock
- Single-pole switch

Delivery:

Grinding attachment satin-finishing BS 00, rubber air roller, air pump, abrasive fleece A 280/fine, Superfinishing sleeves S 600 and S 500, MESHFLEX A 400 sanding sleeve, 3 each of sanding sleeves: ZIRCOFLEX P 80, ZIRCOFLEX P 20, CERAFLUX K 20, CORUFLEX P 80, L-BOXX® 238 transport case.



Manufacturer Article Number	433438
Power input (W)	1400
Power output (W)	880
Min./max. idle speed	3500-1000 U/min(rpm)
Max. Ø of roll	125
Max. tool width (mm)	125
Tool holding device	Inner diameter 19 mm
Weight (kg)	2.9
70563...	Ident. No. 011

Prod. Gr. 707

FLEX BRE 14-3 125 tube belt sander set

1400 watt, voltage 230 V

Execution:

- Microprocessor electronics: with constant speed maintenance system by means of tachogenerator, soft start, overload protection and speed pre-selection
- Adjustable protective hood: for grinding tools up to 125 mm
- Tool-free grinding tool replacement via patented quick-change system
- spindle lock
- Single-pole switch

- High-quality, sprung sanding arm: made of light metal with two deflection rollers. For optimum wrapping of tubes up to max. 270°
- Sanding belt dimensions: 760 x 40 mm

Delivery:

Pipe band grinding attachment BR 25, Superfinishing-Band S 600 and S 500, MESHFLEX A 240 sanding belt and A 400, 5 each of CORUFLEX sanding belts in P 80, P 20, P 220, L-BOXX® 238 transport case



Manufacturer Article Number	433446
Power input (W)	1400
Power output (W)	880
Min./max. belt speed	3.5-10 m/s
Max. pipe Ø (mm)	125
Weight (kg)	3.6
70565...	Ident. No. 011

Prod. Gr. 707

FLEX Belt filing machine TRINOFLEX FBE 8-4 140

880 watt, 230 V

Application:

For sanding and filing at inaccessible spots.

Execution:

- With rotation speed preselection, keeps constant rotation speed by means of tachometer generator, soft start, power-on inhibitor after power failure, overload protection and temperature monitoring
- Powerful motor with high efficiency for high output power
- VE electronics: for continuously variable pre-selection of belt speed
- Sanding head: pivots 140°, 9 mm or 30 mm sanding arms can be used
- Sanding arm adjustable for belt lengths 520 mm and 533 mm
- Machining length of sanding arm up to approx. 12 cm

Advantage:

- Quick belt change system: for fast, tool-free replacement
- A unique tool attachment with quick-action coupling for tool-free changing of the system's attachments for burnishing, tube belt sanding and filing

Delivery:

Band file grinding attachment BF 140, various sanding belts, in L-BOXX

Technical data:

- Model: FBE 8-4 140 Set
- Manufacturer Article Number: 453455
- Power input: 800 W
- Power output: 325 W
- Min./max. belt speed: 3-8 m/s
- Suitable for strap dimension: 533 x 4-30 mm | 533 x 4-9 mm
- Weight: 2.6 kg



70570...	Ident. No. 022
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Prod. Gr. 707

FLEX ZIRCOFLEX sanding belt for belt filing machine FBE 8-4 140

With self-sharpening zirconia alumina

Manufacturer Article Number	257101	257105	257102	256538	255328	255329	255330
Width of tape x length of strap	9 mm x 533 mm	9 mm x 533 mm	9 mm x 533 mm	30 mm x 533 mm	30 mm x 533 mm	30 mm x 533 mm	30 mm x 533 mm
Grain size	40	60	120	40	60	120	220
Included in delivery	10 pcs.	10 pcs.	10 pcs.	10 pcs.	10 pcs.	10 pcs.	10 pcs.
70570...	Ident. No. 404	406	412	504	506	512	522

Prod. Gr. 707

BOSCH Multi-cutters

Voltage 230 V, 50 Hz

Application:

Ident. No. 021–031: For tasks in construction, renovation and the automotive field.

Ident. No. 040: for heavy-duty tasks in construction, renovation and the automotive sector.

Execution:

- 3D quick-action clamping system
- Ident. No. 021:** softgrip
- Ident. No. 040:** robust metal cap for particularly demanding applications

Advantage:

- Ident. No. 021:** unique snap-in function for tool-free accessory changes in only 3 seconds

- Ident. No. 031–040:** unique snap-in feature enables tool-free accessory changes in just 3 seconds

Delivery:

Ident. No. 021: includes 6 x plunge-cut saw blade, 10 x sandpaper, 2 x segmented saw blade, 2 x abrasive pad, in L-BOXX

Ident. No. 031: includes 6 x plunge-cut saw blade, 5 x sandpaper, 2 x segmented saw blade, 2 x abrasive pad, in L-BOXX

Ident. No. 040: 25 x grinding discs, K 10x80, 10x120, 5x240, Starlock BIM segmented saw blade for wood & metal



Ident. No. 021



Ident. No. 040

Model	GOP 30-28	GOP 40-30	GOP 55-36
Manufacturer Article Number	0601237000	0601231001	0601231101
Power input (W)	300	400	550
Head height (mm)	50	85	-
Min./max. rotation speed	8000-20000 U/min(rpm)	8000-20000 U/min(rpm)	8000-22000 U/min(rpm)
Tool holding device	Starlock Plus	Starlock Plus	Starlock Max
Oscillation stroke (Degree)	1.4	1.5	1.8
Weight (kg)	1.5	1.5	1.6
With rubber-coated handle	Yes	Yes	Yes
With working lights	No	Yes	Yes
70532...	Ident. No. 021	031	040

Prod. Gr. 731

Iconridge Oscillating MultiMaster and SuperCut

The universal system for construction and renovation

Execution:

- Motor with vibration decoupling
- Electronic speed adjustment by tachogenerator for constant speed, even under load
- Metal gear head
- Ball/needle bearings
- Integrated interface for mounting additional system accessories

Advantage:

- Low vibration and low noise
- Robust and durable
- Extensive accessory set

Delivery:

Ident. No. 200: 1 abrasive pad, 3 each of grinding discs (K 60, 80, 120, 180), 1 fixed spatula, 1 Universal E-Cut saw blade (44 mm), 1 E-Cut Long-Life saw blade (65 mm), 1 HSS segmented saw blade, in plastic case

Ident. No. 213: 1 abrasive pad, 3 each of grinding discs (K 60, 80, 120, 180), 1 perforated abrasive pad, 3 each of perforated grinding discs (K 60, 80, 120, 180), 1 grinding disc Ø 115 mm, perforated, 2 each of perforated grinding discs (K 60, 80, 180), 1 vacuum device, 1 fixed spatula, 1 E-Cut Long-Life saw blade (35 mm), 1 Universal E-Cut saw blade (44 mm), 1 E-Cut Long-Life saw blade (65 mm), 1 HSS segmented saw blade, 1 carbide segmented saw blade, 1 HM rasp (triangular), perforated, in plastic case



Ident. No. 200



Ident. No. 213

Model	FMM 350 QSL QuickStart	FMM 350 QSL Top
Manufacturer Article Number	72295262000	72295261000
Type description	Multimaster	Multimaster
Power input	350	350
Tool holding device	Starlock Plus	Starlock Plus
Weight (kg)	1.4	1.4
With quick clamping system	Yes	Yes
With rubber-coated handle	Yes	Yes
70533...	Ident. No. 200	213

Prod. Gr. 704

Accessories for FEIN MultiMaster and other commonly available multifunctional tools

With STARLOCK chuck

Execution:

■ Fits all conventional multifunctional devices



Ident. No. 281



Ident. No. 301



Ident. No. 321



Ident. No. 331



Ident. No. 341



Ident. No. 621



Ident. No. 363



Ident. No. 511

Applications	Coarse sanding of filler Tile adhesive Concrete Stone Wood	Sheet metal up to approx. 1 mm Plastic GFRP Wood Putty Non-ferrous metals	Sheet metal up to approx. 1 mm Plastic GFRP Wood Putty Non-ferrous metals	Sheet metal up to approx. 1 mm Plastic GFRP Wood Putty Non-ferrous metals	For soft materials only	Marble joints Epoxy resin joints Trass joints Cement joints	Wood Drywall Plastics	Removing silicone joints in plumbing applications Removing acrylic joints in plumbing applications Removing stickers
Type	carbide rasp, perforated edge length 80 mm	full HSS saw blade with metal teeth	HSS segmented saw blade	saw blade, bi-metal, segmented	segmented saw blade	segmented diamond saw blade	E-Cut Long-Life saw blade with crosscut wooden teeth	flexible spatula
Tool holding device	Starlock	Starlock	Starlock	Starlock	Starlock	Starlock	Starlock	Starlock
Ø (mm)	-	85	85	85	85	75	-	-
Cutting width	-	-	-	-	-	2.2 mm	-	-
Included in delivery	1	1	1	1	1	1	1	1
70533...	Ident. No. 281	301	321	331	341	621	363	511

Prod. Gr. 704

Accessories for FEIN oscillator

With STARLOCK PLUS

Execution:

■ Suitable for all common multi-functional tools with StarlockPlus and StarlockMax holders and for all FEIN MultiMaster and MultiTalent tools.



No. 70533 603



No. 70533 613



No. 70533 701



No. 70534 111



No. 70534 121

Applications	Ideal for working in corners Work without overcutting	Marble joints Epoxy resin joints Trass joints Cement joints	Removing stubborn old paint Removing adhesive residue Removing carpets Removing tile adhesive Removing underfloor coverings	Sheet metal up to approx. 2 mm Aluminium profiles Copper pipes Wood Drywall Plastics	Sheet metal up to approx. 2 mm Aluminium profiles Copper pipes Wood Drywall Plastics
Type	carbide saw blade, segmented	segmented diamond saw blade	fixed spatula	E-Cut Universal saw blade with corrugated universal teeth	E-Cut Universal saw blade with corrugated universal teeth
Tool holding device	Starlock Plus	Starlock Plus	Starlock Plus	Starlock Plus	Starlock Plus
Length x width	-	-	-	60 x 28 mm	60 x 44 mm
Cutting width	1.2 mm	2.2 mm	-	-	-
Included in delivery	1	1	1	1	1
70533...	Ident. No. 603	613	701	-	-
70534...	Ident. No. -	-	-	111	121

Prod. Gr. 704



Accessories for FEIN oscillator

With STARLOCK MAX mount

Execution:

- Suitable for all common multi-functional devices with STARLOCKMAX mounts. Also suitable for all FEIN SuperCut tools before 04/2016 with adapter.

Technical data:

- Tool holding device: Starlock Max
- Included in delivery: 1



Ident. No. 211



Ident. No. 181



Ident. No. 161



Ident. No. 151

Applications	Marble joints Epoxy resin joints Trass joints	Marble joints Epoxy resin joints Trass joints Ce- ment joints	Marble joints Epoxy resin joints Trass joints Ce- ment joints	Marble joints Epoxy resin joints Trass joints Ce- ment joints
Type	carbide saw blade	carbide saw blade, segmented	segmented diamond saw blade	segmented diamond saw blade
Ø (mm)	105	-	-	-
Cutting width	2.2 mm	1.2 mm	2.2 mm	1.2 mm
70534...	Ident. No. 211	181	161	151
	●	●	●	●

Prod. Gr. 704

metabo[®] orbital sander

with a fixed and variable number of oscillations

Application:

For sanding wood, plastics, metals, stone, plaster and painted surfaces.

Execution:

Ident. No. 011:

- Bearing flange made from die-cast aluminium
- Clamping system for sandpaper with and without velcro backing
- Easy-to-empty textile bag for working without a vacuum cleaner
- Connection option for attaching an all-purpose vacuum cleaner

Ident. No. 025:

- Rugged clamping system for sandpaper with and without Velcro, as well as abrasives up to 10 mm thick
- Multi-sealed ball bearings and tear-resistant rubber sleeve
- TurboBoost: Connection of additional power reserves for maximum removal

- Abrasive pad with additional lateral suction channels for clean working
- Vario (V) electronics for working with orbital rates suitable for the material
- Dust trap cartridge with filter for working without an extractor connected
- Extraction option by connecting an all-purpose vacuum cleaner

Advantage:

Ident. No. 025:

- Orbital system with double-row angular contact ball bearings for extremely quiet running and minimal vibration
- Excellent sanding pattern without sanding whorls and grooves for professional surface treatment

Delivery:

Ident. No. 011: Textile dust bag, in plastic case

Ident. No. 025: Abrasive pad with Velcro adhesion, removable additional handle, dust trap cartridge, 1x folded filter, in box



Ident. No. 011



Ident. No. 025

Model	SR 2185	Sr E 4350 Turbo Tec
Manufacturer Article Number	600441500	611350000
Base plate length x base plate width	184 x 92 mm	190 x 92 mm
Oscillating Ø	2 mm	2.2 mm
Power input (W)	200	350
Power output (W)	80	180
Min. idle orbital rate	-	8400
Max. idle orbital rate	22300	22000
Weight (kg)	1.5	2.5
70512...	Ident. No. 011	025
	●	●

Prod. Gr. 745

BOSCH orbital sander

with variable number of oscillations

Application:

For sanding wood, plastics, metals, stone, plaster and painted surfaces.

Execution:

- Controllable speed for material-suitable operation
- Direct connection of vacuum cleaner or micro-filter dust box for dust-free working
- **Ident. No. 013:** Additional handle with vibration damping for comfortable gripping in any working position

Advantage:

- Ergonomically designed surfaces with Softgrip for perfect handling

- Uniform distribution of the contact pressure for high surface quality
- Lowest level of vibration in class ($<2.5 \text{ m/s}^2$) due to decoupled motor housing
- **Ident. No. 013:** Perfect sandpaper mounting, even for paper without Velcro connection, due to special paper clamping system
- **Ident. No. 023:** Innovative paper clamping system for perfectly fitting sandpaper, even for sandpaper without velcro backing

Delivery:

Micro-filter box, additional handle, in L-Boxx



Ident. No. 013



Ident. No. 023

Model		GSS 230 AVE	GSS 280 AVE
Manufacturer Article Number		0601292801	0601292901
Base plate length x base plate width		92 x 182 mm	114 x 205 mm
Oscillating Ø		2.4 mm	2.4 mm
Power input (W)		300	350
Power output (W)		140	180
Min. idle orbital rate		16000	16000
Max. idle orbital rate		22000	22000
Weight (kg)		2.4	2.7
70514...	Ident. No.	013	023

Prod. Gr. 731

metabo® random orbital sanders

2.5 mm – 5 mm orbital circle

Application:

For finishing surfaces.

Execution:

- Vario (V) electronics and wheel for adjusting the speed to different materials
- Power Control System: prevents scratches when placing the running machine onto the material
- rugged bearing housing made from wear-free die-cast aluminium
- TurboBoost function for maximum material removal
- Removable extra handle
- grinding plate with multi-hole pattern for effective extraction and longer life of abrasive

- handle area with slip-proof soft grip surface
- extraction option by connecting an all-purpose vacuum cleaner
- **Ident. No. 200:** Patented adjustable dual orbit diameter with settings for fine finishing or high material removal

Delivery:

Support plate with Velcro adhesion, hexagon key, removable additional handle, dust trap cartridge, 1x folded filter, in box

Technical data:

- Min./max. idle speed: 4200-11000 U/min(rpm)



Ident. No. 100



Ident. No. 200

Model		SXE 425 Turbo Tec	SXE 450 Turbo Tec
Manufacturer Article Number		600131000	600129000
Support-disc Ø (mm)		125	150
Power input (W)		320	350
Power output (W)		160	180
Oscillating Ø		5 mm	2.8 mm 6.2 mm
Thread dimension of spindle		M6 x 16	M8 x 16
Weight (kg)		2.3	2.4
random orbital sanders	70535...	Ident. No. 100	Ident. No. 200
Orbital sander accessories	70512...	Ident. No. 110	Ident. No. 110

Prod. Gr. 745

BOSCH random orbital sanders

2.5 mm – 5 mm orbital circle

Application:

For finishing surfaces.

Execution:

- Speed pre-selection for adjusting the speed to different materials
- **Ident. No. 022, 042:**
 - Grinding disc brake
 - Aluminium bearing flange for long service life
- **Ident. No. 022–032:**
 - Dust extraction
 - Velcro closure for fast sanding disc replacement
- **Ident. No. 032:**
 - Friction brake
 - Anti-vibration system
- **Ident. No. 042:**
 - Efficient dust extraction

- Velcro closure for fast, convenient sanding disc replacement

Advantage:

- **Ident. No. 022, 042:** Suitable for left-handers
- **Ident. No. 032:** Vibration-reduced for effortless work

Delivery:

Ident. No. 022: Sandpaper grain size 120, adapter, suction adapter, in box

Ident. No. 032: Extra handle, grinding disc (150 mm), grinding disc (150 mm) 8 + 1 perforation, grinding disc (125 mm), 2x sandpaper grain size 120, microfilter box, hexagon socket key, in L-Boxx

Ident. No. 042: Sandpaper grain size 80, adapter, suction adapter, in box



Ident. No. 032



Model	GEX 125 AC	GEX 125/150 AVE	GEX 150 AC
Manufacturer Article Number	0601372565	060137B101	0601372768
Support-disc Ø (mm)	125	150	150
Min./max. idle speed	4500-12000 U/min(rpm)	5500-12000 U/min(rpm)	4500-12000 U/min(rpm)
Power input (W)	340	400	340
Oscillating Ø	5 mm	4 mm	4 mm
Thread dimension of spindle	-	M8 x 25	M8 x 25
Weight (kg)	2.0	2.4	2.1
With rubber-coated handle	Yes	Yes	-
With electronic feedback	Yes	No	Yes
70536...	Ident. No. 022	032	042

Prod. Gr. 731

metabo® DSE 300 Intec triangular sander

Application:

for effective grinding of corners and edges

Execution:

- patented rotating abrasive pad for optimum utilisation of the corners of the sandpaper
- dust-proof ball bearings for long machine service life
- rugged vibration collar and abrasive pad mount made of die-cast aluminium for long life
- Vario (V) electronics for working with orbital rates suitable for the material
- adjusting ring to pre-set oscillation number
- extraction possible by connecting a wet/dry vacuum with an adapter

Advantage:

- grinding discs are easily changed thanks to abrasive pad with hook and loop fastening

Delivery:

hexagon key, in plastic case

Technical data:

- Model: DSE 300 Intec
- Manufacturer Article Number: 600311500
- Min./max. idle speed: 14000-22000 U/min(rpm)
- Power input: 300 W
- Oscillating diameter: 1.8 mm
- Weight: 1.3 kg



70513... Ident. No. 100

Prod. Gr. 745

Accessories for	70513 100
70513... METABO adhesive sanding sheets wood+metal For METABO triangular sander DSE 300 Intec	Ident. No. 110

metabo® Double-ended grinding machines

with AC or three phase motor

Application:

For grinding, sharpening, deburring and derusting of steel, metals and tools.

Execution:

- Maintenance-free induction motor, low noise and vibration
- Protective cover with bayonet mount
- Large spark protection guards
- Vibration-absorbing rubber feet
- Ident. No. 020: Protective covers with closed sides and extraction connectors

- Ident. No. 020-050: Emergency stop switch

- Ident. No. 030-050: Robust die-cast aluminium protective covers

Advantage:

- Ident. No. 020-050: Workpiece rests adjustable without tools

Delivery:

Synthetic corundum grinding disc (36P, 60N), spark protection guards, workpiece rest, hexagon key



Ident. No. 020

Model	DS 150	DS 175	DS 200	DSD 200	DSD 250
Manufacturer Article Number	619150000	619175000	619200000	619201000	619250000
Max. idle speed (U/min(rpm))	2980	2980	2980	2980	1490
Motor design	Alternating current motor	Alternating current motor	Alternating current motor	Three-phase AC motor	Three-phase AC motor
Power input (W)	350	500	600	750	900
Power output (W)	200	310	370	450	540
Disc Ø x disc thickness	150 x 20 mm	175 x 25 mm	200 x 25 mm	200 x 25 mm	250 x 40 mm
Disc hole Ø (mm)	20	32	32	32	51
Inner Ø of connecting piece (mm)	-	35	35	35	35
Weight (kg)	9.5	14.5	16.3	16.0	33.3
With restart protection	No	Yes	Yes	Yes	Yes
70574...	Ident. No. 010	020	030	040	050

Prod. Gr. 745

Accessories for	70574 010	70574 020	70574 030	70574 040	70574 050
70574... Machine stand	Ident. No. 410	410	410	410	410
70574... Wall console	Ident. No. 420	420	420	420	420

metabo® BS 175 combination belt sanding machine

500 W

Application:

For demanding sharpening, grinding and deburring work

Execution:

- Low-noise, low-vibration, maintenance-free induction motor
- Restart protection and emergency stop switch
- Large belt sander arm, tilts continuously up to 90°
- Vibration-absorbing rubber feet
- Protective cover with bayonet mount
- Large spark protection guards

Delivery:

Synthetic corundum grinding disc grain size 60, fabric sanding belt grain size 60, spark protection

70574... | Ident. No. 070

Prod. Gr. 745

glasses, workpiece rest, hexagon key

Technical data:

- Model: BS 175
- Manufacturer Article Number: 601750000
- Max. idle speed: 2980 U/min(rpm)
- Power input: 500 W
- Power output: 310 W
- Washer diameter: 175 mm
- Washer thickness: 25 mm
- Disc hole diameter: 32 mm
- Length of tape: 1020 mm
- Max. sanding belt width: 50 mm
- Inner diameter of connecting piece: 35 mm
- Weight: 14.5 kg



metabo® Universal endless sanding belts

For METABO belt sanding machines

Application:

For grinding and deburring metals, unalloyed and low-alloy steels, cast iron, aluminium alloys, brass, bronze, hard metallic layers, rubber, plastics etc.

Delivery:

Contents: 3 pieces

Notes:

Recommended peripheral speed: 25-35 m/s

Manufacturer Article Number	629063000	629064000	629065000	629066000	629067000	629068000	629069000
Grain size	60	80	100	120	180	240	400
70583... Ident. No.	306	308	310	312	318	324	340

Prod. Gr. 745



Ident. No. 306-324

BOSCH Belt sander

Voltage 230 V, 50 Hz

Application:

For removing, flat-sanding, smoothing and cleaning wood, plastic and metal.

Execution:

- Guide roller fine adjustment for precise belt running

- Aluminium rollers for the most demanding applications

- Graphite-coated abrasive pad

- Connection for vacuum extraction with dust bag and/or all-purpose vacuum cleaner

Delivery:

With sanding belt, graphite plate, parallel/angle stop, dust bag, subframe, in plastic case

Model	GBS 75 AE set
Manufacturer Article Number	0601274765
Min./max. belt speed	200-330 m/s
Power input (W)	750
Power output (W)	410
Width of tape x length of strap	75 mm x 533 mm
Weight (kg)	3.4
With speed control	Yes
With electronic feedback	No
BOSCH 70571... Ident. No.	055

Prod. Gr. 731



sheet metal shears

up to 2.5 mm in sheet steel

Application:

Ident. No. 160: Small and manoeuvrable machine. Ideal for working on thin sheet metal.

Ident. No. 250: Highly practical machine for medium-power applications.

Execution:

- High curve and radial manoeuvrability
- Easy-change 4-sided reversible blade
- **Ident. No. 160:** Cutting table made of high-strength steel

Advantage:

- **Ident. No. 250:**
 - Quick and accurate cutting, even when working overhead
 - Optimum cutting geometry means only low force is required to operate the machine

Delivery:

4-sided reversible blade, in plastic case



Ident. No. 160
Similar image



Ident. No. 250
Similar image



Model	TruTool S 160	TruTool S 250
Manufacturer Article Number	1773338	1942384
Max. cutting capacity in sheet metal (400 N/mm ²) (mm)	1.6	2.5
Max. cutting capacity in sheet metal (600N/mm ²) (mm)	1.2	2.0
Max. cutting capacity in sheet metal (800N/mm ²) (mm)	1.0	1.5
Max. cutting capacity in aluminium sheet (250 N/mm ²) (mm)	2.0	3.0
Min./max. cutting speed	8-12 m/min	4-7 m/min
Min. radius (mm)	15	20
Power input (W)	350	500
Stroke rate (U/min(rpm))	4800	1760
Weight (kg)	1.6	2.2
71061...	160	250
Ident. No.	●	●

Prod. Gr. 717

Accessories for		71061 160	71061 250
71061... Reversible blade for TruTool S 160	Ident. No.	616 ●	-
71061... Reversible blade for TruTool S 250	Ident. No.	-	625 ●

TruTool N 500 sheet nibbler

up to 5.0 mm sheet steel

Application:

Ideal for removing tanks and containers. The nibbler cuts workpieces with bends of up to 90° and double metal sheets.

- Vertical use (from top to bottom) requires very little force.
- Users can also pull the tool towards themselves in the horizontal plane, which is ideal for cutting coils, for example.

Advantage:

- The TruTool N 500 makes it possible to cut in all four cutting directions, even backwards.

Delivery:

Punch 5/P5, die 5, in plastic case



Similar image



Model	TruTool N 500
Manufacturer Article Number	1773421
Max. cutting capacity in sheet metal (400 N/mm ²) (mm)	5.0
Max. cutting capacity in sheet metal (600N/mm ²) (mm)	3.0
Max. cutting capacity in sheet metal (800N/mm ²) (mm)	2.5
Max. cutting capacity in aluminium sheet (250 N/mm ²) (mm)	7.0
Cutting speed (m/min)	1.5
Min. radius (mm)	90
Power input (W)	1400
Stroke rate (U/min(rpm))	720
Weight (kg)	4.0
71070...	021
Ident. No.	●

Prod. Gr. 717

BOSCH sabre saws

stroke length 28 mm

Application:

For removing old components and for cutting pipes.

Execution:

- With constant pendulum stroke for fast sawing progress
- Anti-vibration handle and counterbalance weight
- Metal hook for suspending the device

Advantage:

- Faster tool change with one hand thanks to SDS saw blade replacement

Delivery:

Saw blade wood S 2345 X, saw blade metal S 123 XF, in plastic case

Technical data:

- Model: GSA 1300 PCE
- Manufacturer Article Number: 060164E200
- Max. cutting capacity of wood: 230 mm
- Max. cutting capacity of non-ferrous metals: 20 mm
- Min./max. idle stroke speed: 0-2900 U/min(rpm)
- Power input: 1300 W
- Stroke length: 28 mm
- Weight: 4.1 kg
- With working lights: Yes
- With rubber-coated handle: Yes
- With electronic feedback: Yes
- With soft start: No



71170...

Ident. No.

023

Prod. Gr. 731

ATORN® sabre saw blades for metal and wood

for the following brands BOSCH, AEG, FEIN, METABO (for FLEX all models except SR 602 VV)

Advantage:

- For extremely heavy loads
- Highly flexible
- Long service life

Delivery:

1 pack of 5

Technical data:

- Cutting material: Bimetal
- Included in delivery: 5 pcs.



Ident. No. 050

Corresponds to BOSCH type		S 922 BF	S 922 EF	S 922 AF	S 1122 BF	S 1122 EF	S 1022 VF	S 1211 H	-
Saw blade design		Restricted Milled	Corrugated Milled	Corrugated Milled	Restricted Milled	Corrugated Milled	Restricted Milled	Restricted Milled	Restricted Milled
Length (mm)		150	150	150	200	200	200	300	300
Teeth spacing (mm)		1.8	1.4	1.0	1.8	1.4	-	2.5	-
Min./max teeth spacing		-	-	-	-	-	1.8-2.4 mm	-	1.8-2.4 mm
Cut		Fast, straight cut	Straight cut	Fine cut	Fast, flush cut	Flush cut	-	-	-
Applications		Sheet metals (3-8 mm) Solid pipes (Ø 10-100 mm) Solid profiles (Ø 10-100 mm)	Sheet metals (1.5-4 mm) Pipes (Ø 5-100 mm) Profiles (Ø 5-100 mm)	Sheet metals (0.7-3 mm) Fine pipes (Ø 5-10 mm) Fine profiles (Ø 5-10 mm)	Sheet metals (3-8 mm) Solid pipes (Ø 10-175 mm) Solid profiles (Ø 10-175 mm)	Sheet metals (1.5-4 mm) Pipes (Ø 5-175 mm) Profiles (Ø 5-175 mm)	St 37 Non-ferrous metals Stainless steel Steel tubes V2A Cast iron (3-8 mm)	St 37 Non-ferrous metals Profiles Steel tubes Steel tubes Insulating material (3-10 mm)	St 37 Non-ferrous metals Cast-iron pipes (Ø 3-8 mm) Steel pipes (Ø 3-8 mm) Pallet construction
71134...	Ident. No.	010	020	030	040	050	060	070	080

Prod. Gr. 793

BOSCH sabre saw blades for metal

suitable for sabre saws with 0.5-inch universal shank systems

Execution:

- Bimetal blade has a long service life when cutting steel of standard thickness
- Ident. No. 015-020: fine tooth pitch cuts materials with common material thicknesses
- Ident. No. 055-070: tooth pitch is especially suitable for working at high speeds

Delivery:

Ident. No. 060, 070: 1 pack of 25

Notes:

suitable for sabre saws with 0.5-inch universal shank systems.



Ident. No. 015



Ident. No. 055



Ident. No. 065

Model		S 922 EF	S 922 EF	S 922 BF	S 922 BF	S 1122 BF	S 1122 BF
Manufacturer Article Number		2608656015	2608657551	2608656014	2608657550	2608656019	2608657552
Cutting material		Bimetal	Bimetal	Bimetal	Bimetal	Bimetal	Bimetal
Saw blade design		Restricted Milled	Restricted Milled	Restricted Milled	Restricted Milled	Restricted Milled	Restricted Milled
Length (mm)		150	150	150	150	225	225
Teeth spacing (mm)		1.4	1.4	1.8	1.8	1.8	1.8
Cut		-	-	Fast cut	Fast cut	Flush cut	Flush cut
Applications		Sheet metals (1.5-4 mm) Pipes (Ø 5-100 mm) Profiles (Ø 5-100 mm)	Sheet metals (1.5-4 mm) Pipes (Ø 5-100 mm) Profiles (Ø 5-100 mm)	Sheet metals (3-8 mm) Solid pipes (Ø 10-100 mm) Solid profiles (Ø 10-100 mm)	Sheet metals (3-8 mm) Solid pipes (Ø 10-100 mm) Solid profiles (Ø 10-100 mm)	Sheet metals (3-8 mm) Solid pipes (Ø 10-175 mm) Solid profiles (Ø 10-175 mm)	Sheet metals (3-8 mm) Solid pipes (Ø 10-175 mm) Solid profiles (Ø 10-175 mm)
Included in delivery		5 pcs.	25 pieces	5 pcs.	25 pieces	5 pcs.	25 pieces
71135...	Ident. No.	015	020	055	060	065	070

Prod. Gr. 733

Source: Hahn+Kolb Werkzeuge GmbH

Technical data subject to change.

Availability subject to country specific rules and regulations

www.iconridge.com

BOSCH sabre saw blades for metal demolition work

suitable for sabre saws with 0.5-inch universal shank systems

Application:

Ident. No. 630–645: Suitable for cutting high-strength steel and the toughest materials.

Ident. No. 650–665: for cutting steel with standard thickness in demolition work

Execution:

Ident. No. 630–645:

- Carbide technology, even tooth spacing
- Teeth welded to highly elastic steel body using hard metal technology
- Wide body (25 mm) and high blade thickness (1.25 mm) allow precise cutting
- Specially designed for maximum durability with high-strength steels

Ident. No. 650–660: tooth pitch: 1.8 + 2.1 + 2.5 mm

Ident. No. 650–665:

- 3x3 tooth geometry enables smooth cuts under the toughest conditions
- micro edge tooth geometry with precision-ground teeth ensures maximum service life

Advantage:

- Ident. No. 630–645:** For effortless cutting and an ultimate blade service life
- Ident. No. 650–665:** allows for effortless cutting and an ultimate blade service life

Delivery:

Ident. No. 650–665: Suitable for sabre saws with 0.5-inch universal shank systems.

Notes:

Ident. No. 630–645: Suitable for sabre saws with 0.5-inch universal shank systems.

Ident. No. 650–665: suitable for sabre saws with 0.5-inch universal shank systems.



Ident. No. 630



Ident. No. 640



Ident. No. 655



Ident. No. 665

Model	S 555 CHM	-	S 1155 CHM	S 1255 CHM	S 925 HBF	S 1025 HBF	S 1125 HBF	S 1225 HBF
Manufacturer Article Number	2608653179	2608653180	2608653182	2608653184	2608658009	2608658010	2608658011	2608658013
Cutting material	Carbide	Carbide	Carbide	Carbide	Bimetal	Bimetal	Bimetal	Bimetal
Saw blade design	Tungsten carbide-tipped (strip)	Tungsten carbide-tipped (strip)	Tungsten carbide-tipped (strip)	Tungsten carbide-tipped (strip)	Precision-ground	-	-	-
Length (mm)	100	150	225	300	150	200	225	300
Teeth spacing (mm)	3	3	-	-	-	-	-	-
Cut	Straight cut	Straight cut	Straight cut	Straight cut	Fast, straight cut	Fast, straight cut	Fast, straight cut	Fast, straight cut
Applications	Sheet metals (3-15 mm) Closed profiles Solid profiles (Ø 10-100 mm) Medium-strength to strength sheet metals (2-10 mm) Steel tubes	Sheet metals (3-15 mm) Closed profiles Solid profiles (Ø 10-100 mm) Medium-strength to strength sheet metals (2-10 mm) Steel tubes	Sheet metals (3-15 mm) Closed profiles Solid profiles (Ø 10-100 mm) Medium-strength to strength sheet metals (2-10 mm) Steel tubes	Sheet metals (3-15 mm) Closed profiles Solid profiles (Ø 10-100 mm) Medium-strength to strength sheet metals (2-10 mm) Steel tubes	Medium-strength sheet metals Thin-walled closed and open profiles (< 100 mm)	Medium-strength sheet metals Thin-walled closed and open pipes (< 150 mm)	Medium-strength sheet metals Thin-walled closed and open profiles (< 175 mm)	Medium-strength sheet metals Thin-walled closed and open pipes (< 250 mm)
Included in delivery	1 piece	1 piece	1 piece	1 piece	5 pieces	5 pieces	5 pieces	5 pieces
71135... Ident. No.	630	635	640	645	650	655	660	665

Prod. Gr. 733

BOSCH sabre saw blades for metal and wood

suitable for sabre saws with 0.5-inch universal shank systems

Execution:

- optimised for cutting soft nails, structural steel and non-ferrous metal components in wood
- Ident. No. 155–160:** Vario tooth geometry enables smooth, low-vibration cutting
- Ident. No. 235–240:** Large tooth pitch (4.3 mm) and offset teeth for fast results

Advantage:

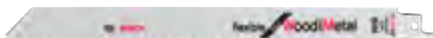
- Ident. No. 155–160:** Vario tooth geometry for lower-vibration cutting
- Ident. No. 235–240:** fast work progress thanks to the large tooth pitch

Delivery:

Ident. No. 120, 160, 240: 1 pack of 25

Notes:

suitable for sabre saws with 0.5-inch universal shank systems.



Ident. No. 115



Ident. No. 155



Ident. No. 235

Model	S 1122 HF	S 1122 HF	S 1222 VF	S 1122 VF	S 1411 DF	S 1411 DF
Manufacturer Article Number	2608656021	2608657560	2608656022	2608657559	2608654763	2608657562
Cutting material	Bimetal	Bimetal	Bimetal	Bimetal	Bimetal	Bimetal
Saw blade design	Restricted Milled	Restricted Milled	Restricted Milled	Restricted Milled	Restricted Milled	Restricted Milled
Length (mm)	225	225	300	225	300	300
Teeth spacing (mm)	2.5	2.5	-	-	4.3	4.3
Min./max teeth spacing	-	-	1.8-2.6 mm	1.8-2.6 mm	-	-
Cut	Flush cut	Flush cut	Flush cut	Flush cut	Curved cut	Curved cut
Applications	Pallet repairs Sheet metals Wood with nails (5-175 mm) Wood with metal (5-175 mm) Tubes Aluminium profiles (3-12 mm)	Pallet repairs Sheet metals Wood with nails (5-175 mm) Wood with metal (5-175 mm) Tubes Aluminium profiles (3-12 mm)	Sheet metals Wood with nails (5-250 mm) Wood with metal (5-250 mm) Aluminium profiles (3-10 mm) Plastic profiles (Ø 3-250 mm)	Sheet metals Wood with nails (5-250 mm) Wood with metal (5-250 mm) Aluminium profiles (3-10 mm) Plastic profiles (Ø 3-250 mm)	Wood with nails Wood with metal Chipboard (10-250 mm) Aerated concrete (10-250 mm) Plastics GFRP Profiles (5-60 mm)	Wood with nails Wood with metal Chipboard (10-250 mm) Aerated concrete (10-250 mm) Plastics GFRP Profiles (5-60 mm)
Included in delivery	5 pcs.	25 pieces	5 pcs.	25 pieces	5 pcs.	25 pieces
71135...	Ident. No. 115	120	155	160	235	240

Prod. Gr. 733

BOSCH sabre saw blades for wood

suitable for sabre saws with 0.5-inch universal shank systems

Execution:

- HCS blade material for cutting wood and non-abrasive wooden materials in construction work
- Ident. No. 505-515:** sharp polished teeth ensure tear-free cuts
- Ident. No. 515-525:** large tooth pitch and chip areas remove material quickly and efficiently

- Ident. No. 525:** sharp polished, offset teeth cut efficiently; the wall thickness offers ultimate stability

Notes:

suitable for sabre saws with 0.5-inch universal shank systems.



Ident. No. 505



Ident. No. 515



Ident. No. 525

Model	S 644 D	S 1531 L	S 1542 K
Manufacturer Article Number	2608650673	2608650676	2608650682
Cutting material	HCS	HCS	HCS
Saw blade design	Restricted Ground	Restricted Ground	Restricted Ground
Length (mm)	150	240	240
Teeth spacing (mm)	4.3	5.0	8.5
Cut	Clean curved and plunge cut	Clean, fast cut	Fast cut
Applications	Construction timber (6-100 mm) Wood wall (< 75 mm) Boards: chip (6-60 mm) Boards: MDF (6-60 mm) Plywood Plastic (6-100 mm)	Live wood Rough timber Free of nails (15-190 mm) Pruning green wood (Ø < 190 mm) Firewood (Ø 15-190 mm)	Softwood Rough timber Live wood Firewood (Ø 15-190 mm)
Included in delivery	5 pcs.	5 pcs.	5 pcs.
71135...	Ident. No. 505	515	525

Prod. Gr. 733

metabo® jigsaws

with switchable pendulum stroke

Application:

for powerful sawing in wood, non-ferrous base metal and sheet steel.

Execution:

- variable stroke rate
- Metabo Quick System
- Ident. No. 005:**
 - switchable shaving blower function
 - all-purpose vacuum cleaner connection
- Ident. No. 021-065:**
 - Switchable shaving blower function
 - Deep saw blade guide
 - All-purpose vacuum cleaner connection
- Ident. No. 065:** Wear-free cast aluminium gear case

Advantage:

- Ident. No. 065:**
 - Simple sawing start thanks to automatic start-up with automatic stroke rate acceleration
 - Tool-free adjustable base plate with snap-in points for easy oblique cuts
 - pleasant to work with thanks to a slim handle

Delivery:

Ident. No. 005: protective glass, wood jigsaw blade, metal jigsaw blade, hexagon key, in plastic case

Ident. No. 021: Extractor connection, sight glass, splinter protection plate, hexagon key, in plastic case

Ident. No. 065: suction nozzle, safety glass, plastic guard plate, splinter protection plate, in plastic case



Ident. No. 005



Ident. No. 021



Ident. No. 065

Mains-operated power tools \ Jigsaws and jigsaw blades

Model	STEB 65 Quick	STEB 70 Quick	STE 140 Plus
Manufacturer Article Number	601030500	601040500	601403500
Design of the handle	Stirrup handle	Stirrup handle	Knob
Max. cutting capacity of wood (mm)	65	70	140
Max. cutting capacity of steel (mm)	6	6	10
Max. cutting capacity of non-ferrous metals (mm)	18	20	35
Min./max. idle stroke speed	600-3000 U/min(rpm)	900-3300 U/min(rpm)	1000-3100 U/min(rpm)
Lift height (mm)	18	22	26
Power input (W)	450	570	750
Power output (W)	230	335	420
Number of pendulum-stroke stages	4	4	4
Weight (kg)	1.9	2.0	2.5
With working lights	No	No	Yes
With rubber-coated handle	Yes	Yes	Yes
With electronic feedback	No	No	Yes
With quick clamping system	Yes	Yes	Yes
With restart protection	No	No	Yes
71127...	Ident. No. 005	021	065

Prod. Gr. 745

BOSCH jigsaws with 3- or 4-stage pendulum stroke device

Application:

for powerful sawing in wood, aluminium and unalloyed steel

Execution:

- adjustable 3- or 4-stage saw blade oscillating device
- speed preselection
- Dust extraction connection
- Ident. No. 112:** tool-free saw blade changes
- Ident. No. 114–119:** Tool-free saw blade changes
- Ident. No. 123–143:**

- Highly precise saw blade guide with patented double roller
- Parking position for rapid, one-handed saw blade changes
- Ident. No. 143:** Rugged magnesium baseplate

Delivery:

Ident. No. 112: 1x saw blade, vacuum set, splinter protection, hexagon key, in plastic case

Ident. No. 114–119: Saw blade T 144 D, cover hood, sliding shoe, suction nozzle, splinter protection, 1/1 L-BOX insert, in L-BOX 136

Ident. No. 123–143: Saw blade T 144 DP, saw blade T 244 D, saw blade T 308 B, splinter protection, extractor adapter 1/1 L-BOX insert, in L-BOX 136



Ident. No. 112



Ident. No. 114



Ident. No. 123



Ident. No. 143

Model	GST 90 E	GST 150 CE	GST 150 BCE	GST 160 CE	GST 160 BCE
Manufacturer Article Number	060158G000	0601512003	0601513003	0601517000	0601518000
Design of the handle	Knob	Knob	Stirrup handle	Knob	Stirrup handle
Max. cutting capacity of wood (mm)	90	150	150	160	160
Max. cutting capacity of steel (mm)	10	10	10	10	10
Max. cutting capacity in aluminium (mm)	20	20	20	20	20
Min./max. idle stroke speed	500-3100 U/min(rpm)	500-3100 U/min(rpm)	500-3100 U/min(rpm)	800-3000 U/min(rpm)	800-3000 U/min(rpm)
Lift height (mm)	26	26	26	26	26
Power input (W)	650	780	780	800	800
Weight (kg)	2.3	2.6	2.7	2.2	2.3
With working lights	No	No	Yes	Yes	Yes
With rubber-coated handle	No	Yes	Yes	No	No
With electronic feedback	No	Yes	Yes	Yes	Yes
With soft start	No	No	No	No	No
With quick clamping system	Yes	Yes	Yes	Yes	-
71128...	Ident. No. 112	114	119	123	143

Prod. Gr. 731

ATORN® jigsaw blades for metal, aluminium, wood and plastic for the following brands BOSCH, Makita, Metabo, AEG, DeWALT, FESTOOL, FLEX, HOLZ-HER, Milwaukee

Delivery:

1 pack of 20 pieces

Technical data:

- Included in delivery: 20 pcs.



Corresponds to BOSCH type	T 101 B	T 118 A	T 118 B	T 127 D	T 118 AF
Cutting material	HCS	HSS	HSS	HSS	Bimetal
Teeth spacing (mm)	2.5	1.2	2.0	3.0	1.2
Length (mm)	75	50	50	75	50
Saw blade design	Ground (HCS)	Corrugated (HSS)	Corrugated (HSS)	Straight-set (HSS)	Corrugated (bimetal)
Cut	-	Straight cut	Straight cut	Straight, fast cut	Straight cut
Applications	Softwood Chipboard (3-30 mm) Core boards (3-30 mm) Fibreboard (3-30 mm) Plastics (Ø < 30 mm) Epoxy (Ø < 30 mm)	Sheet metals (1-3 mm)	Sheet metals (2.5-6 mm)	Sheet metals (3-15 mm) Pipes (Ø < 30 mm) Profiles (Ø < 30 mm)	Sheet metals (1-3 mm)
71130...	Ident. No. 010	110	120	130	210

Prod. Gr. 793

Source: Hahn+Kolb Werkzeuge GmbH

1904 Technical data subject to change.

Availability subject to country specific rules and regulations

www.iconridge.com



ATORN® jigsaw blades sets for metal and wood

for the following brands BOSCH, Makita, Metabo, AEG, DeWALT, FESTOOL, FLEX, HOLZ-HER, Milwaukee

Execution:

- **Ident. No. 410:** Consisting of: 8 x coarse and fast (T 144 D), 8 x fine and clean (T 101 B), 4 x curve (T 119 BO)

- **Ident. No. 510:** consisting of: 8 x fine (T 118 A), 8 x medium (T 118 B), 4 x coarse (T 127 D)

Advantage:

- HCS hard carbon steel for extreme cutting stability



Ident. No. 410



Ident. No. 510

Suitable for		Metal	Wood
Saw blade design		Straight-set (HSS) Milled	Ground (HCS) Restricted
Number of pieces in assortment/set (PCS)		20	20
71130...	Ident. No.	510	410

Prod. Gr. 793

BOSCH jigsaw blades for metal and wood

for the following brands BOSCH, Makita, Metabo, AEG, DeWALT, FESTOOL, FLEX, HOLZ-HER, Milwaukee

Advantage:

- **Ident. No. 405, 416–485, 494:** Bimetal, made from HSS and HCS, unbreakable, for extreme stresses, highly flexible, long service life
- **Ident. No. 408, 488:** bimetal, made from HSS and HCS, unbreakable, for extreme stresses, highly flexible, long service life
- **Ident. No. 446, 494:** Highest cutting speeds thanks to sheet chamfer, thin cut design and patented tooth geometry
- **Ident. No. 485, 492:** Used for materials with different densities, thanks to tooth geometry with progressively increasing tooth pitch

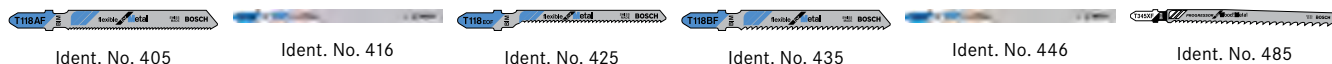
- **Ident. No. 488:** used for materials with different densities, thanks to tooth geometry with progressively increasing tooth pitch
- **Ident. No. 492:** Carbide technology: Tooth strip welded onto highly elastic carbon body using carbide technology; for extremely robust material

Delivery:

Ident. No. 408, 488: 1 pack of 25

Notes:

Ident. No. 405, 416–485, 492–494: For use with jigsaws with T shank holder
Ident. No. 408, 488: for use with jigsaws with T shank holder



Model		T 121 AF	T 118 AF	T 118 AF	T 321 AF	T 118 EOF	T 118 BF	T 321 BF	T 345 XF
Manufacturer Article Number		2608636699	2608634505	2608634991	2608636705	2608634237	2608634503	2608636707	2608634994
Cutting material		Bimetal	Bimetal	Bimetal	Bimetal	Bimetal	Bimetal	Bimetal	Bimetal
Teeth spacing (mm)		1.2	-	-	1.2	1.5	-	2.0	-
Min./max teeth spacing		-	1.1-1.5 mm	1.1-1.5 mm	-	-	1.9-2.3 mm	-	2.4-5 mm
Length (mm)		92	92	92	92	83	92	92	132
Saw blade design		Milled Corrugated	Milled Corrugated	Milled Corrugated	Milled Corrugated	Milled Corrugated	Milled Corrugated	Milled Corrugated	Milled Corrugated
Cut		Straight, fast cut	Straight cut	Straight cut	Fast cut	Curved cut	Fine, fast cut with clean, splinter-proof cut edge	Straight, fast cut	Straight, fast cut
Applications		Thin sheet metals (1-3 mm) Thin perforated sheet metals (1-3 mm)	Sheet metals (1-3 mm)	Sheet metals (1-3 mm)	Thin sheet metals Perforated sheet metals (1-3 mm) Sandwich materials (< 65 mm) Thin-walled pipes Closed profiles incl. aluminium (Ø < 65 mm) Open profiles incl. aluminium (Ø < 65 mm) GFRP (< 65 mm) Epoxy (< 65 mm)	Sheet metals (1.5-4 mm)	Sheet metals (2.5-6 mm)	Medium-strength sheet metals Perforated sheet metals (2.5-6 mm) Thick-walled pipes Closed profiles incl. aluminium (Ø < 65 mm) Open profiles incl. aluminium (Ø < 65 mm) GFRP (< 65 mm) Epoxy (< 65 mm)	Timber with nails (< 65 mm) Wood-based materials Plastics Sheet metals Pipes incl. aluminium (Ø 3-10 mm) Profiles incl. aluminium (Ø 3-10 mm)
Included in delivery		5 pieces	5 pieces	25 pieces	5 pieces	5 pieces	5 pieces	5 pieces	5 pieces
Number of pieces per packet		-	-	-	-	-	-	-	-
71132...	Ident. No.	494	405	408	416	425	435	446	485

Mains-operated power tools \ Jigsaws and jigsaw blades

Model	T 345 XF	T 367 XHM
Manufacturer Article Number	2608634995	2608667562
Cutting material	Bimetal	Carbide
Teeth spacing (mm)	-	-
Min./max teeth spacing	2.4-5 mm	3.5-5 mm
Length (mm)	132	132
Saw blade design	Milled Corrugated	Restricted Ground
Cut	Straight, fast cut	Fast cut
Applications	Timber with nails (< 65 mm) Wood-based materials Plastics Sheet metals Pipes incl. aluminium (Ø 3-10 mm) Profiles incl. aluminium (Ø 3-10 mm) GFRP	Timber with nails (< 65 mm) Wood-based materials Sheet metals Pipes incl. aluminium (Ø 3-10 mm) Profiles incl. aluminium (Ø 3-10 mm) GFRP
Included in delivery	25 pieces	3 pcs.
Number of pieces per packet	-	3
71132...	Ident. No. 488	492

Prod. Gr. 733

BOSCH jigsaw blades for metal and aluminium

for the following brands BOSCH, Makita, Metabo, AEG, DeWALT, FESTOOL, FLEX, HOLZ-HER, Milwaukee

Delivery:

Ident. No. 247: Pack of 5

Ident. No. 249: Pack of 25

Notes:

Ident. No. 205–215, 225–247, 255–275: For use with jigsaws with T shank holder

Ident. No. 218, 249: for use with jigsaws with T shank holder



Model	T 118 G	T 118 A	T 118 A	T 218 A	T 318 A	T 123 XF	T 123 XF	T 118 B
Manufacturer Article Number	2608631012	2608631013	2608638470	2608631032	2608631319	2608638473	2608638474	2608631014
Cutting material	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS
Teeth spacing (mm)	0.7	-	-	-	1.2	-	-	-
Min./max teeth spacing	-	1.1-1.5 mm	1.1-1.5 mm	1.1-1.5 mm	-	1.2-2.6 mm	1.2-2.6 mm	1.9-2.3 mm
Length (mm)	92	92	92	92	132	100	100	92
Saw blade design	Milled Corrugated	Milled Corrugated	Milled Corrugated	Milled Corrugated	Milled Corrugated	Milled Restricted	Milled Restricted	Milled Corrugated
Cut	Straight cut	Straight cut	Straight cut	Curved cut	Straight cut	Fast, straight cut	Fast, straight cut	Straight cut
Applications	Sheet metals (0.5-1.5 mm)	Thin sheet metals (1-3 mm)	Thin sheet metals (1-3 mm)	Sheet metals (1-3 mm)	Sheet metals (1-3 mm) Pipes incl. aluminium (Ø < 65 mm) Profiles incl. aluminium (Ø < 65 mm)	Sheet metals (1.5-10 mm) Pipes incl. aluminium (Ø < 30 mm) Profiles incl. aluminium (Ø < 30 mm)	Sheet metals (1.5-10 mm) Pipes incl. aluminium (Ø < 30 mm) Profiles incl. aluminium (Ø < 30 mm)	Sheet metals (2.5-6 mm)
Included in delivery	-	-	25 pieces	-	-	-	25 pieces	-
Number of pieces per packet	5	5	25	5	5	5	25	5
71132...	Ident. No. 205	215	218	225	235	265	268	247

Model	T 118 B	T 318 B	T 127 D
Manufacturer Article Number	2608638471	2608631404	2608631017
Cutting material	HSS	HSS	HSS
Teeth spacing (mm)	-	2.0	3.0
Min./max teeth spacing	1.9-2.3 mm	-	-
Length (mm)	92	132	100
Saw blade design	Milled Corrugated	Milled Corrugated	Restricted Milled
Cut	Straight cut	Straight cut	Fast, straight cut
Applications	Sheet metals (2.5-6 mm)	Sheet metals (2.5-6 mm) Pipes incl. aluminium (Ø < 65 mm) Profiles incl. aluminium (Ø < 65 mm)	Sheet metals (3-15 mm) Pipes (Ø < 30 mm) Profiles (Ø < 30 mm)
Included in delivery	25 pieces	-	-
Number of pieces per packet	25	5	5
71132...	Ident. No. 249	255	275

Prod. Gr. 733

BOSCH jigsaw blades for wood

for the following brands BOSCH, Makita, Metabo, AEG, DeWALT, FESTOOL, FLEX, HOLZ-HER, Milwaukee

Advantage:

- **Ident. No. 005–055, 065–115, 125–135, 145–185:** Outstanding edge holding ability
- **Ident. No. 058, 118, 138:** outstanding edge holding ability

Delivery:**Ident. No. 058, 118, 138:** 1 pack of 25**Technical data:**

- Cutting material: HCS



Ident. No. 105

Ident. No. 015

Ident. No. 185

Ident. No. 145

Ident. No. 065

Model	T 101 AO	T 119 B	T 119 BO	T 234 X	T 101 B	T 101 B	T 301 CD	T 111 C
Manufacturer Article Number	2608630031	2608630037	2608630310	2608633528	2608630030	2608633622	2608637590	2608630033
Teeth spacing (mm)	1.4	-	2.0	-	2.7	2.7	3.0	3.0
Min./max teeth spacing	-	1.9-2.3 mm	-	2-3 mm	-	-	-	-
Length (mm)	83	92	83	117	100	100	117	100
Saw blade design	Serrated tip Ground	Milled Corrugated	Corrugated Milled	Ground	Ground taper and teeth	Ground taper and teeth	Ground	Restricted Milled
Cut	Curved cut	Straight cut	Curved cut	Clean, straight cut	Clean, straight cut	Clean, straight cut	Clean, straight cut	Fast cut
Applications	Softwood Plywood Coated boards (1.5-15 mm)	Softwood (2-15 mm) Plywood Chipboard Blockboard Fibreboard	Softwood (2-15 mm) Plywood Chipboard Blockboard Fibreboard	Softwood (2-65 mm) Chipboard Blockboard Fibreboard	Softwood Chipboard (3-30 mm) Core boards (3-30 mm) Fibreboard (3-30 mm) Plastics (Ø < 30 mm) Epoxy (Ø < 30 mm)	Softwood Chipboard (3-30 mm) Core boards (3-30 mm) Fibreboard (3-30 mm) Plastics (Ø < 30 mm) Epoxy (Ø < 30 mm)	Softwood Chipboard (10-65 mm) Core boards (10-65 mm) Fibreboard (10-65 mm)	Softwood (4-50 mm) Chipboard Blockboard Fibreboard
Included in delivery	5 pcs.	5 pcs.	5 pcs.	5 pcs.	5 pcs.	25 pieces	5 pcs.	5 pcs.
71132...	105	005	015	185	115	118	145	025
Ident. No.	●	●	●	●	●	●	●	●

Model	T 144 D	T 144 D	T 244 D	T 101 BR	T 101 D	T 101 D
Manufacturer Article Number	2608630040	2608633625	2608630058	2608630014	2608630032	2608633577
Teeth spacing (mm)	-	-	-	2.5	-	-
Min./max teeth spacing	4-5.2 mm	4-5.2 mm	4-5.2 mm	-	4-5.2 mm	4-5.2 mm
Length (mm)	100	100	100	100	100	100
Saw blade design	Restricted Ground	Restricted Ground	Restricted Ground	Ground taper and teeth	Ground taper and teeth	Ground taper and teeth
Cut	Fast, straight cut	Fast, straight cut	Curved cut	Clean, straight cut	Clean, straight cut	Clean, straight cut
Applications	Softwood (5-50 mm) Chipboard Blockboard Fibreboard	Softwood (5-50 mm) Chipboard Blockboard Fibreboard	Softwood (5-50 mm) Chipboard Blockboard Fibreboard	Softwood Chipboard (3-30 mm) Core boards (3-30 mm) Fibreboard (3-30 mm) Coated boards Clean surface	Softwood Chipboard (10-45 mm) Core boards (10-45 mm) Fibreboard (10-45 mm)	Softwood Chipboard (10-45 mm) Core boards (10-45 mm) Fibreboard (10-45 mm)
Included in delivery	5 pcs.	25 pieces	5 pcs.	5 pcs.	5 pcs.	25 pieces
71132...	055	058	065	125	135	138
Ident. No.	●	●	●	●	●	●

Prod. Gr. 733

BOSCH jigsaw blades for thermoplastics and abrasive plastic composites

for the following brands BOSCH, Makita, Metabo, AEG, DeWALT, FESTOOL, FLEX, HOLZ-HER, Milwaukee

Execution:

- **Ident. No. 579–582:** Toothed blade with carbide technology welded to highly elastic carbon steel body

Advantage:

- **Ident. No. 575:** tooth geometry prevents melting while cutting plastics
- **Ident. No. 576–577:** Tooth geometry prevents melting and continuous chip formation when cutting plastics

- **Ident. No. 578:** Tooth geometry prevents melting when cutting plastic materials

- **Ident. No. 579:** Tooth geometry prevents flaking and detaching when cutting carbon fibre

- **Ident. No. 582:** Two opposite rows of teeth arranged at different angles ensure splinter-free cuts on top and bottom

Notes:

For use with jigsaws with T shank holder



Ident. No. 575

Ident. No. 576

Ident. No. 577

Ident. No. 578

Ident. No. 579

Ident. No. 295

Mains-operated power tools \ Jigsaws and jigsaw blades

Model	T 102 D	T 102 H	T 302 H	T 102 BF	T 108 BHM	T 101 A	T 128 BHM
Manufacturer Article Number	2608667444	2608667446	2608667448	260866781	2608667449	2608631010	2608667563
Cutting material	HCS	HCS	HCS	Bimetal	Carbide	HSS	Carbide
Teeth spacing (mm)	4.0	2.3	2.3	1.8	2.2	2.0	1.8
Length (mm)	100	100	132	92	92	100	92
Saw blade design	Precision-ground	Precision-ground	Precision-ground	Ground	Tungsten carbide-tipped (strip) Ground	Ground	Tungsten carbide-tipped (strip) Ground
Cut	Clean, straight cut	Clean, straight cut	Clean, straight cut	Clean, straight cut	-	Clean, straight cut	Clean, straight cut
Applications	PP PE	PVC PA PS	PVC PA PS	PMMA	CFRP GFRP	Plexiglas (2-20 mm) Polycarbonate (2-20 mm)	Plastic Coated HPL
Included in delivery	5 pieces	5 pieces	5 pieces	5 pieces	3 pcs.	5 pcs.	3 pcs.
Number of pieces per packet	5	5	5	5	3	5	3
71132...	Ident. No. ●	576 ●	577 ●	578 ●	579 ●	295 ●	582 ●

Prod. Gr. 733

metabo® Chop saws and mitre saws Voltage 230 V, 50 Hz, shock-proof, noise-suppressed

Application:

For all blank cutting work, ideal for interior work, for sawing wood, coated panels and plastic materials.

Execution:

- Wear-free cast aluminium gear case
- Integrated chip scoop
- Bright LED light
- Laser for exact display of the cutting line
- Continuously extendible bench extensions
- Spindle lock

Ident. No. 211: Pulling function for broad workpieces

Ident. No. 225: Extension function for wide workpieces

Advantage:

- Fast and precise setting of common angles using stop points

Ident. No. 211: Also suitable for one-hand transport

Ident. No. 225: Also suitable for single-hand carrying

Delivery:

Ident. No. 211: Cemented carbide saw blade (40 teeth), 2 integrated table width extensions, cut-off stop, material clamp, tool for changing blades, cable wind-up, chip collection bag

Ident. No. 225: Cemented carbide saw blade (48 teeth), 2 integrated table width extensions, cut-off stop, material clamp, tool for changing blades, cable wind-up, chip collection bag

Technical data:

- Max. cutting width at 90 degrees: 305 mm
- Max. cutting width at 45 degrees: 205 mm
- Cutting speed: 42 m/s
- Saw blade hole: 30 mm



Ident. No. 211



Ident. No. 225

Model	KGS 216 M	KGS 254 M
Manufacturer Article Number	619260000	602540000
Length x width x height	760 x 475 x 340 mm	790 x 515 x 515 mm
Max. cutting depth at 90 degrees (mm)	65	90
Max. cutting depth at 45 degrees (mm)	36	47
Max. idle speed (U/min(rpm))	5000	4500
Rotation speed (U/min(rpm))	3750	3150
Power input (kW)	1500	1800
Power output (kW)	900	979
Saw blade Ø (mm)	216	254
Weight (kg)	13.5	16.3
71181...	Ident. No. 211 ●	225 ●

Prod. Gr. 745

BOSCH Hand-held circular saws Voltage 230 V, 50 Hz, shock-proof, noise-suppressed

Application:

Ident. No. 032: Versatile for cutting wood.

Execution:

- Spindle lock
- Ident. No. 015:
 - Deep cutting depth: Two-speed gear for higher cutting capacity in a compact design
 - Safe working thanks to the integrated brake system and soft start
 - With speed preselection and electronic speed regulation
 - with motor brake
- Ident. No. 032:
 - Constant Electronic
 - Base plate produced from wear-resistant die-cast aluminium with precisely milled guide rail grooves

Advantage:

- Soft start
- Dust extraction
- Ident. No. 015:
 - Flexible working thanks to full compatibility with the entire Bosch guide rail system
 - Dust-free view of the workpiece and notch line thanks to the blower function
- Ident. No. 032: Mitre cuts with guide rail possible without adapter

Delivery:

Ident. No. 015: Saw blade wood 165 mm, guide rail FSN1600, parallel stop; in L-BOXX

Ident. No. 032: Suction adapter, guide rail FSN 1600, carbide saw blade, diameter 190 mm, hexagon key size 5, 1/1 L-BOXX insert, in L-BOXX 238



Ident. No. 015



Ident. No. 032

Model	GKS 55+ GCE Professional	GKS 65 GCE
Manufacturer Article Number	0601682103	0601668902
Power input (W)	1350	1800
Min./max. idle speed	2100-4700 U/min(rpm)	2300-5000 U/min(rpm)
Max. cutting depth at 45 degrees (mm)	47	48
Saw blade Ø (mm)	165	190
Saw blade hole (mm)	20	30
Weight (kg)	3.8	5.2
71180...	Ident. No. 015	Ident. No. 032

Prod. Gr. 731

BOSCH circular saw blades, Expert for stainless steel

for hand-held saws as well as chop saws and mitre saws

Application:

For sawing stainless steel with metal, chop and mitre saws

Execution:

- Resisteq teeth are manufactured from advanced metallic compounds for maximum stability and durability

- Protection protective coating prevents corrosion and enables reliable cuts while reducing friction
- High quality of the blade guarantees the smoothest results without any touching up of the stainless steel workpiece

Notes:

Not suitable for high-alloy steel.



Ident. No. 500



Ident. No. 520



Ident. No. 510



Ident. No. 525

Manufacturer Article Number	Outer Ø (mm)	Bore Ø (mm)	Width of cutting edge (mm)	Main-blade thickness (mm)	Number of teeth	71181... Ident. No.	
2608644289	185	20	1.9	1.6	36	500	●
2608644288	192	20	1.9	1.6	38	505	●
2608644287	230	25.4	1.9	1.6	46	510	●
2608644286	255	25.4	2.5	2.2	50	515	●
2608644285	305	25.4	2.5	2.2	60	520	●
2608644284	305	25.4	2.5	2.2	80	525	●
2608644283	355	25.4	2.5	2.2	70	530	●
2608644282	355	25.4	2.5	2.2	90	535	●

Prod. Gr. 732

BOSCH circular saw blades, Expert for steel

for hand-guided dry sawing of metal

Application:

Ident. No. 400–430, 435–440: Cut cleanly through steel using hand saws and mitre saws

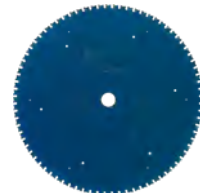
Execution:

- Ident. No. 400–430, 435–440:**
 - Damping slits for particularly quiet running due to less noise and reduced vibration

- Improved performance thanks to protective coating – prevents corrosion and reduces friction
- Ident. No. 432:** Microteq teeth are manufactured from extra-hard, durable carbide grains.

Advantage:

- Ident. No. 400–430, 435–440:**
 - very long service life
 - For clean cuts through steel



Ident. No. 435



Ident. No. 432

Manufacturer Article Number	Outer Ø (mm)	Bore Ø (mm)	Width of cutting edge (mm)	Main-blade thickness (mm)	Number of teeth	71181... Ident. No.	
2608643054	160	20	2.0	1.6	30	400	●
2608643055	184	20	2.0	1.6	48	405	●
2608643056	190	20	2.0	1.6	40	410	●
2608643057	210	30	2.0	1.6	48	415	●
2608643058	230	25.4	2.0	1.6	48	420	●
2608643059	254	25.4	2.6	2.2	60	425	●
2608643060	305	25.4	2.6	2.2	60	430	●
2608643061	305	25.4	2.6	2.2	80	432	●
2608643062	355	25.4	2.6	2.2	80	435	●
2608643063	355	25.4	2.6	2.2	90	440	●

Prod. Gr. 732

BOSCH circular saw blades, Expert for wood and Expert for multi-material

Application:

Ident. No. 300–305, 310–320, 325–335, 340: For effortless transverse and longitudinal cuts in all types of wood and wooden materials through the use of plunge-cut saws and hand-held circular saws

Ident. No. 345, 360: For effortless transverse and longitudinal cuts in all types of wood and wooden materials through the use of chop, mitre and sliding mitre saws

Ident. No. 355, 365: for excellent results in non-ferrous metals, aluminium, plastics, epoxy and wood through the use of cutting, mitre and sliding mitre saws

Execution:

▪ **Ident. No. 300–305, 310–320, 325–335, 340–345, 360:**

- Microteq teeth are manufactured from extra-hard, durable carbide grains.
- Damping slits for particularly quiet running, significantly less noise and reduced vibration

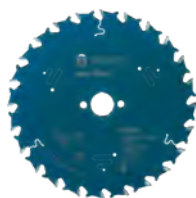
▪ **Ident. No. 300–305, 310–320, 325–335, 340–365:** Protection protective coating prevents corrosion and reduces friction

▪ **Ident. No. 355, 365:**

- HLTCG teeth (high-low triple chip ground) make the Expert for Multi Material circular saw blade robust for working with abrasive materials.
- damping slits for particularly quiet running, significantly less noise and reduced vibration



Ident. No. 335



Ident. No. 310



Ident. No. 340

Manufacturer Article Number	Outer Ø (mm)	Bore Ø (mm)	Width of cutting edge (mm)	Main-blade thickness (mm)	Number of teeth	71181... Ident. No.
2608644019	160	20	2.6	-	24	300 ●
2608644020	160	20	2.6	-	36	305 ●
2608644021	160	20	2.6	1.6	48	307 ●
2608644022	165	20	2.6	-	24	310 ●
2608644023	165	20	2.6	-	36	320 ●
2608644024	165	20	2.6	1.6	48	322 ●
2608644047	190	30	2.6	-	24	325 ●
2608644048	190	30	2.6	-	40	335 ●
2608644049	190	30	2.6	1.6	48	337 ●
2608644050	190	30	2.6	1.6	56	339 ●
2608642497	216	30	2.4	-	48	340 ●
2608644079	216	30	2.4	-	40	345 ●
2608642493	216	30	2.4	-	64	355 ●
2608642530	254	30	2.4	-	60	360 ●
2608642528	254	30	2.4	-	80	365 ●

Prod. Gr. 732



Bandsaws

Voltage 230 V, 50 Hz, shock-proof, noise-suppressed

Application:

Small bandsaw for professional use

Execution:

- Single-phase 1800 watt motor
- Safety switch

- Toothed gearing with long-life lubricants
- Electronic speed controller with torque control
- Automatic band tensioning

Delivery:

1x compatible saw blade



Ident. No. 010



Ident. No. 020



Practical transportation

Model	W. Z. 100/R	W. Z. 150/R
Manufacturer Article Number	WZ100/R	WZ150/R
Power input (W)	1800	1800
Min./max. belt speed	20-100 m/min	25-138 m/min
Cutting capacity of round materials at 0 degrees (mm)	100	150
Cutting capacity of round materials at 45 degrees (mm)	55	75
Cutting capacity of square materials at 0 degrees (mm)	-	125
Cutting capacity of square materials at 45 degrees (mm)	-	50
Cutting capacity of flat materials at 0 degrees	100 x 105 mm	150 x 125 mm
Cutting capacity of flat materials at 45 degrees	55 x 60 mm	70 x 50 mm
Saw band length (mm)	1138	1440
Saw band width (mm)	13	13
Saw band thickness (mm)	0.65	0.65
Weight (kg)	20.0	35.0
71200...	Ident. No. 010 ●	020 ●

Prod. Gr. 703

Accessories for	71200 010	71200 020
51725... Bimetal band saw blade, Number of teeth per inch 6/10	Ident. No. 006 ●	026 ●

Accessories for		71200 010	71200 020
51725...	Bimetal band saw blade, Number of teeth per inch 8/12	Ident. No. 008	028
51725...	Bimetal band saw blade, Number of teeth per inch 10/14	Ident. No. 010	030

metabo® hot air blowers

voltage 230 V, 50 Hz

Application:

For removing paint, shaping, shrink-fitting and welding.

Execution:

- High-quality ceramic heating
- Optimum device cooling
- Ident. No. 011:** Temperature adjusted with adjusting wheel

Ident. No. 013:

- Four pre-set and adjustable programmes
- Accurate control of air flow and temperature (ideal for temperature-sensitive materials)

Delivery:

Ident. No. 006–011: Broad jet nozzle (50 mm), reducing nozzle (20 mm), in plastic case

Ident. No. 013: Broad jet nozzle (50 mm), reflector nozzle, reducing nozzle (9 mm), in plastic case



Ident. No. 006



Ident. No. 013

Model	H 16-500	HE 20-600	HE 23-650 Control
Manufacturer Article Number	601650500	602060500	602365500
Min./max. air current	240-450 l/min	150-500 l/min	150-500 l/min
Min./max. blower temperature	300 to 500 °C	50 to 600 °C	50 to 650 °C
Power input (W)	1600	2000	2300
Weight (kg)	0.6	0.7	0.9
71172...	Ident. No. 006	011	013

Prod. Gr. 745

metabo® KE 3000 glue gun

Voltage 230 V, 50 Hz, shock-proof, noise-suppressed

Application:

Suitable for hot-melt gluing of wood, plastic, cardboard, glass, ceramics, stone, textiles, cork, leather and metal, and for sealing, caulking as well as for repairs with hot melt glue.

Execution:

- Wire bracket and support surface on the housing

Advantage:

- Exact metering due to mechanical adhesive feeding
- Optimum application of the glue due to PTC heating element for constant temperature
- Clean working, without dripping thanks to nozzle with ball seal

Delivery:

Hot melt glue stick (200 mm long, transparent)



Model	KE 3000	
Manufacturer Article Number	618121000	
Heat-up time (min)	6	
Processing temperature (°C)	200	
Weight (kg)	0.25	
KE 3000 glue gun	71175...	Ident. No. 010
Hot-melt glue sticks, transparent	71175...	Ident. No. 120
3-piece nozzle kit	71175...	Ident. No. 130

Prod. Gr. 745