

POWER TOOLS & MATERIAL PROCESSING



ANGLE GRINDER EWS 10-115 CLASSIC 220V

Compact 1010W angle grinder with ideal balance of power and ergonomics. Ideal for light to medium duty grinding and cutting work, such as deburring Paddle Switch ("Deadman" Switch)

For improved safety and productivity

Outstanding weight-performance ratio

Ensures low-fatigue work

Rugged and compact aluminum gear case

Allows the tool to fit into tight spaces besides providing maximum durability

Quick-adjustable protective hood

Time-saving and convenient tool-free wheel guard release

Spindle lock-up push button

Installation for an easier change of grinding wheels

Slim design

Good balance of power and weight enables comfortable working even over long periods

Rubber coated power cord

Maximum resistance even in harsh working environments

Rear air inlets

Prevents the air inlets from being closed by hand, thereby improving the cooling of the angle grinder

Techincal Data	
Nominal voltage	230 V
Min./max. frequency	50-60 Hz
Protection class	Protection class II/protective insulation
Power input	1010 W
Max. idle speed	12000 rpm
Max. cutting disc diameter.	115 mm
Thread type x spindle-thread diameter	M14
Weight of machine	2.3 kg
Cable length	2.5 m





ELECTRIC ROTARY HAMMER DRILL ERHD 28-MLS

Light hammer drill with outstanding impact strength of 3,2J for light drilling, hammering and chiselling in construction.

Multi purpose

- Normal drilling without impact and hammering drill mode.
- Machine runs both clockwise and counter clockwise.

Compact

Ergonomic shaped and lightweight machine for sustained working without fatigue for the operator.



Techincal Data				
Voltage /Hz	220-240 V 50/60 Hz			
Nominal speed	1.250 rpm			
Protection class	Protection class II/protective insulation			
Power input	800 W			
Drill chuck	SDS - Plus			
Impact strength	3.2J			
Max drill diameter in Metal	13 mm			
Max drill diameter in Wood	30 mm			
Max drill diameter in Concrete	28 mm			
Min./max. impact rate	1-4000 rpm			
Weight of machine	2.9 kg			
Cable length	2 m			



MITER SAW MMS 2300

Metal miter saw for cutting steel, plastic, aluminum, copper, cast metal, and stainless steel. With carrying handle – lightweight and can be used anywhere.

High safety standard:

- Safety switch which prevents machine from being accidentally switched on
- Safety cover prevents the users from being injured

Ergonomic structure with a 'D' type handle and a body base

For extra user safety

Spindle lock

For quick wheel changes

Adjustable fence

Adjusts for bevel cuts ranging from 0-45°

Locking vise with quick release

Holds the material stable for fast and

Carrying handle

For mobile use, e.g. at construction sites.

Hold down stopper

- Secures the tool
- For easy transport



Techincal Data				
Voltage /Hz	220-240 V 50/60 Hz			
No load speed	235-500 rpm			
Protection class	Protection class II/protective insulation			
Power input	2300 W			
Max. saw-blade diameter	355 mm			
Suitable for bore diameter	25.4 mm			
Max. mitre angle	45 Degree			
Cable length	2.5 m			
Max. idle speed	3800 rpm			
Weight of machine	16.3 kg			
Length x Width x Height	450 mm x 255 mm x 415 mm			



HOT AIR BLOWER HLG 2300-E POWER

Handy, lightweight device with continuous temperature and air flow regulation. Additional LCD display with memory function

Frequently used settings can be saved using the LCD display

- The temperature is set in 5°C steps and the air flow is adjusted in 5 stages, thus allowing simple temperature and air flow control
- Long motor service life of up to 1000 hours
- Rugged ceramic heater with low impact sensitivity
- Thanks to the lightweight, ergonomic design, even longer work can be carried out with little fatigue

Application area

Soldering and welding, plastic welding, gluing, removing paints, heating and forming plastic; welding bitumen; strong bead welding, sealing holes with welding additive, removing labels, keder welding, overlapping welding, removing adhesive, lens tinting (cleaning, drying, applying film), heat-shrink tubing, heat-shrink fabric, film wrapping

Techincal Data					
Nominal voltage	230 V/AC				
Frequency	50-60 Hz				
Power input	2300 W				
Min./max. blower temperature	80 to 650 °C				
Min./max. air current	200-550 l/min				
Weight of machine	750 g				
Cable length	5 m				
Cable type	H05RN-F2x1.0 mm ²				
Length x width x height	250 x 75 x 195 mm				





PNEUMATIC IMPACT WRENCH DSS 1/2 INCH BASIC

Reliable high-quality impact wrench in robust, fibreglassreinforced plastic housing, with above-average performance and enhanced equipment features

- Excellent power-to-weight ratio
- Up to 1,350 Nm max. breakaway torque at a weight of 2.0 kg
- Reliable maximum performance values
- High-quality double impact mechanism and cylinder with balanced
 7-vane motor
- 4-step power setting with convenient one-hand reversing ensures optimum, user-friendly adjustment for the relevant application
- Good handling with non-slip handle for optimum control
- Highly ergonomic soft handle with sensitive trigger and integrated silencer

Notice

- Recommended maximum bolt size: M16
- Impact wrenches are not torque wrenches. Connections requiring a specific torque must be checked using a torque measuring device after tightening with the impact wrench.
- When the impact wrench is used regularly (e.g., for tyre maintenance),
 a little oil should be added daily via the air inlet, and approximately
 2 strokes of gear grease should be added monthly via the grease
 nipple.
- Plug-in nipple not included in the scope of delivery



Technical Data	
Type description	DSS 1/2" BASIC
Tool holding device	1/2-inch external square
Max. working torque	850 Nm
Max. releasing torque	1350 Nm
Sound-pressure level	93.8 dB
Vibration	11.65 m/s ²
Operating pressure	6.3 bar
Weight of machine	2 kg
Max. releasing torque	9 mm
Air consumption	198 l/min
Connection thread	NPT 1/4 inch
Length x width x height	175 x 70 x 200 mm



PNEUMATIC IMPACT SCREWDRIVER DSS 3/4 INCH PREMIUM P

High-quality impact screwdriver in robust, fibreglass-reinforced plastic housing, with above-average performance and enhanced equipment features. Recommended maximum bolt size: M32

Excellent power-to-weight ratio

Up to 1,680 Nm max. breakaway torque at a weight of $3.18\ kg$

Reliable maximum power levels and a long service life

High-quality double impact mechanism and cylinder with balanced 6-vane motor

Optimum and user-friendly adjustment to any application, at any time

4-stage clockwise power setting with convenient one-hand reversing

Good handling and optimum control

Extremely ergonomic soft grip with sensitive trigger

Notice:

- Impact screwdrivers are not torque screwdrivers. Connections requiring a specific torque must be checked by means of a torque measuring device after tightening with the impact screwdriver.
- When the impact screwdriver is used regularly (e.g. for tyre maintenance), a
 little oil should be added daily via the air inlet, and approximately 2 strokes
 of gear grease should be added monthly via the grease nipple.
- Plug-in nipple not included in the scope of delivery



Technical Data	
Type description	DSS 3/4 inch Premium P
Tool holding device	3/4-inch external square
Max. working torque	1550 Nm
Max. releasing torque	1680 Nm
Sound-pressure level	88.2 dB
Vibration	17.49 m/s ²
Operating pressure	6.3 bar
Weight of machine	3.18 kg
Max. releasing torque	11 mm
Air consumption	165 l/min
Connection thread	G 3/8 inch
Length x width x height	222 x85 x 206 mm



SERIES 2000 STEEL PNEUMATIC FITTINGS



Series 2000 Quick-Action Coupling with Hose Connection for Würth PVC and Painting Hoses								
Hose dia Inside in mm	Outside	Length in mm	Dia. in mm	Flow rate in I/min.	Art. No.	P. Qty.		
6.0	11.0 - 12.0	67	23	2,100	0699 100 106	3		
9.0	14.5 - 16.0	70	23	2,100	0699 100 108	3		
13.0	19.0	68	23	2.100	0699 100 113	3		



	Series 2000 Quick-Action Coupling with Comfort Connection for Würth PU Hoses							
Hose dia. Inside Outside in mm in mm in mm in mm in mm in low mate in l/min. Length Dia. Flow rate in l/min.								
6.5	10.0	64	23	2,100	0699 100 765	3		
8.0	12.0	68	23	2,100	0699 100 780	3		
11.0	16.0	68	23	2,100	0699 100 711	3		



Series 2000 Push-In Tip with Comfort Connection for Würth PU Hoses, Male Thread							
Connection Male thread R	s Hose in mm	Length in mm	Wrench size in mm	Flow rate in I/min.	Art. No.	P. Qty.	
1/4"	8.0 x 12.0	41	19	2,100	0699 100 980	1	
1/4"	9.5 x 13.5	43	21	2,100	0699 100 995	1	
1/2"	11.0 x 16.0	51	24	3,500	0699 356 007	3	



Series 2000 Plug-In Nipple with Hose Connection for Würth PVC and Painting Hoses							
Hose dia. Inside Outside in mm in mm in mm in location in locatio							
6.0	11.0/12.0	42	2,100	0699 100 406	3		
9.0	14.5/16.0	45	2,100	0699 100 408	3		
13.0	19.0	45	2,100	0699 100 413	3		



Series 2000 Plug-In Nipple with Comfort Connection for Würth PU Hoses							
Hose dia. Inside in mm	Outside in mm	Length in mm	Flow rate in I/min.	Art. No.	P. Qty.		
6.5	10.0	44	2,100	0699 100 865	3		
8.0	12.0	47	2,100	0699 100 880	3		
11.0	16.0	56	2,100	0699 100 811	3		



Series 2000 Push-In Tip, Rotating, with Comfort Connection for Würth PU Hoses, Male Thread							
Connections Length Flow rate in mm Flow in l/min.							
1/4"	6.5 x 10.0	44	1,500	0699 100 914	3		
3/8"	8.0 x 12.0	46	2,100	0699 100 938	3		
1/2"	11.0 x 16.0	51	3,500	0699 100 912	3		

Hose connection for Würth PVC and painting hoses



Slide the 1-ear clamp over the hose.



Then slide hose up over grommet as far as possible while twisting back and forth slightly.



Tighten 1-ear clamp.

Comfort connection for Würth PU hoses



Screw off locking bush and slide over hose



Then slide hose up over grommet as far as possible while twisting back and forth slightly.



Then screw on the locking bush as far as possible.



AIR RATCHET WRENCH

Ideal for small engine repairs and working with small fasteners in tight spaces.

Features precise speed control for enhanced usability.

Designed with extended length for better reach, while remaining compact and lightweight for ease of use.



Techincal Data					
Art.No. Art.no.0703 886120		Art.no.0703 886380	Art.no.0703 886140		
Tool holding device	1/2-inch external square	3/8-inch external square	1/4-inch external square		
Max. torque	68 Nm	41 Nm	27 Nm		
Free Speed	160 rpm	240 rpm	250 rpm		
Sound-pressure level	84 dB	84 dB	84 dB		
Operating pressure	6.3 bar	6.3 bar	6.3 bar		
Air consumption	110 l/min	70 l/min	70 l/min		
Air Inlet	1/4"	1/4"	1/4"		
Air Hose	3/8"	3/8"	3/8"		
Weight	0.5 Kg	0.52 Kg	0.5 Kg		



PNEUMATIC DIE GRINDER

- ·Front exhaust
- ·Includes 1/4"(6mm) abd 1/8"(3mm) collets
- •General maintenance applications



Techincal Data			
Art.No.	0703 23300		
Collet Size/Spindle Thread	1/4" (M6mm)		
Free SpeedIrpmI	25000rpm		
Working Pressure[psi]	90psi		
Air Inlet[PT]	1/4"		
Air Hosell.D.l	3/8"		
Air Consumption	110 l/min		
Net Weightlibs/kgs	0.88lbs/0.40kgs		
Service Kit	Art.no.0703 23301		
Weight of machine	0.5 Kg		

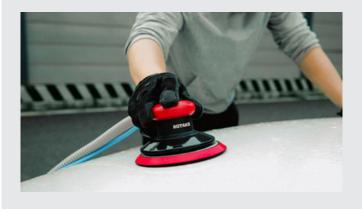


PNEUMATIC ORBITAL SANDER ORBITAL SANDER 5"/6"

- Vacuum Options: Choose between self-vacuum, central vacuum, or non-vacuum configurations to suit your needs.
- · Power: Designed for maximum removal rate, enabling faster completion of tasks and increased daily productivity.
- Productivity: Achieve more in less time. This versatile sander delivers a fine, swirl-free finish across a wide range of surfaces, including wood, composites, fiberglass, sheet metal, and other materials.
- Performance: Operates at 10,000 RPM, ensuring optimal material removal speed tailored to your application.
- Versatility: Features a comfort grip for enhanced user safety and ergonomic operation.

Techincal Data			
Art.No.	0703 75521		
Sanding Pad	5" or 6"		
Vacuum Ready	Yes		
Free Speed(rpm)	10000rpm		
Standard Orbit Diameter(mm)	5mm		
Option Orbit Diameter (mm)	2.5mm		
Air Inlet(PT)	1/4"PT		
Air Hose(I.D)	3/8" I.D.		
Air Consumption	110 l/min		
Net Weight(lbs/kgs)	2.2lbs/1.00kgs		
Service Kit	Art.no.0703 75522		









POWER TOOLS

Wurth Saudi Arabia LLC

King Fahad Branch Rd. Al Olaya District, Street number 70, P.O.Box 503, 12214 Riyadh

Website: www.wurth.sa Email: Info@wurth.sa

شركة وورث السعودية العربية ذ.م.م.طريق الملك فهد الفرعي، حي العليا، شارع رقم ٧٠, ص.ب. ٥٠٣, ١٢٢١٤ الرياض

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CUTTING DISC STEEL-BLUE

Steel Cutting

- Synthetic resin-bonded, fibrous material-reinforced standard cutting disc
- For free-hand cutting with electric or pneumatic angle grinders
- High break resistance





Diameter	Drill hole	Max. rotation speed	Max. circumferential speed	Segment thickness	Design	Art.No.
115 mm	22.23 mm	12250 rpm	80 m/s	1 mm	Straight	0669 701150
115 mm	22.23 mm	13300 rpm	80 m/s	3 mm	Cranked	0669 701153
180 mm	22.23 mm	8500 rpm	80 m/s	3 mm	Cranked	0669 701830
180 mm	25.23 mm	8500 rpm	80 m/s	1.9 mm	Straight	0669 701819
230 mm	22.23 mm	6600 rpm	80 m/s	3 mm	Straight	0669 202303
355 mm	25.40 mm	4400 rpm	80 m/s	3 mm	Straight	0669 203530

CUTTING DISC SS - GREEN-115X1X22.2 MM 4.5IN

Stainless Steel Cutting

- Extreme cutting capacity (very short cutting times) with very long service life
- Extremely thin for precise, virtually burr and chatter-free cuts
- Low cutting waste and dust formation
- Low noise development and high break resistance







GRINDING DISC FOR STEEL

Steel Cutting

- Synthetic resin-bonded, fibre-reinforced standard rough grinding disc with very good performance values.
- High breakage resistance
- Wheel with medium hardness

Application area

General structural steels, high-strength structural steels, constructional steels, tool steels, hardened steels, grinding edges, welding seams and surfaces

Notice

- Storage: Dry, at 20°C room temperature
- · Work only with appropriate protective clothing
- Work only with undamaged discs
- Ensure correct contact pressure

Complies with the highest safety requirements of European Standard EN 12413.



Diameter	Drill hole	Max. rotation speed	Max. circumferential speed	Segment thickness	Design	Art.No.
115 mm	22.23 mm	13300 rpm	80 m/s	6 mm	Cranked	0669 761156
115 mm	22.23 mm	13300 rpm	80 m/s	6 mm	Cranked	0669 260116
180 mm	22.23 mm	8500 rpm	80 m/s	6 mm	Cranked	0669 761806
230 mm	22.23 mm	6650 rpm	80 m/s	6 mm	Cranked	0669 762306





FLAP DISC FOR STEEL & STAINLESS STEEL

Application

 Used to grind edges and surfaces, dressing and smoothing, deburring and for weld seam processing. For removing lacquers and paints, and for sharpening tools.

Advantage

- Perfect suited for application like Stainless steel sheets, nonalloyed special steels, alloyed and high-alloy steels, rustand acid-proof steels, chrome-nickel steels
- For freehand grinding with electric or pneumatic angle grinders.
- Lamella flap disc for stainless steel



Benefit

- Long service life
- High rate of material removal
- Complies with the most demanding safety requirements

Material of carrier disc: Glass fabric

Material of abrasive medium: Aluminium oxide

Diameter	Drill hole	Max. rotation speed	Grid Size	Bore hole	Design	Art.No.
115 mm	22.23 mm	13300 rpm	40	22.23 mm	Domed	0579 580314
115 mm	22.23 mm	13300 rpm	60	22.23 mm	Domed	0579 580316
115 mm	22.23 mm	13300 rpm	80	22.23 mm	Domed	0579 580318
115 mm	22.23 mm	13300 rpm	120	22.23 mm	Domed	0579 580311

P40	Art.No. 0579 580314
P60	Art.No. 0579 580316
P80	Art.No. 0579 580318
P120	Art.No. 0579 5803 11



HAMMER DRILL BIT SDS PLUS

Unique head design in combination with large and short dust removal channels provide fast dust removal and high drilling speed.

Plus shaft

Two round grooves for axial fixation and two wedge grooves for an optimal torque transferring. Suitable for electric hammers up to 5Kg.

No hooking in and running off center

The symmetrical 4 x 90° cutting edge geometry prevents the hooking in or running off center of the drill bit when striking reinforcement or hard pebbles in concrete.

20% bigger carbide shoulder

Higher impact resistance and more aggressive drilling.

4 cutter geometry with centering tip

For deep and stable centering in a one-step, quick operation.

4 flute design

Fast dust removal for higher drilling speed, no clogging and less wear.

Bigger dust extraction area

Less wear and longer lifetime.

Application area

Masonry:

Through-whole in reinforced concrete and bricks, being highly suitable for utilization of mechanical anchors due its supreme hole quality (concentric).

Plumbing:

For general fixing of Water, Gas, Air Conditioning pipes on concrete walls and ceilings.

Electrical Installation:

Electrical boards and electric conduit settling

Doors/Windows:

Wood and aluminum frames positioning

Carpentry:

On the wall fixture of furniture by using of plastic dowels and bolts

Metalworking:

Suitable for the after-production process of drilling holes for the installation of steel / stainless steel handrails, staircases and so on

Dia. (in mm)	Total length (in mm)	Working length (in mm)	Art. No.	Decription
6	160	100	0648 796 016	DRL-HAM-PLUS-QUAD-D6,0-L160-WL100MM
6	210	150	0648 796 021	DRL-HAM-PLUS-QUAD-D6,0-L210-WL150MM
8	110	50	0648 798 011	DRL-HAM-PLUS-QUAD-D8,0-L110-WL50MM
8	160	100	0648 798 016	DRL-HAM-PLUS-QUAD-D8,0-L160-WL100MM
8	210	150	0648 798 021	DRL-HAM-PLUS-QUAD-D8,0-L210-WL150MM
8	260	200	0648 798 026	DRL-HAM-PLUS-QUAD-D8,0-L260-WL200MM
10	110	50	0648 791 011	DRL-HAM-PLUS-QUAD-D10,0-L110-WL50MM
10	160	100	0648 791 016	DRL-HAM-PLUS-QUAD-D10,0-L160-WL100MM
10	210	150	0648 791 021	DRL-HAM-PLUS-QUAD-D10,0-L210-WL150MM
12	160	100	0648 791 216	DRL-HAM-PLUS-QUAD-D12,0-L160-WL100MM
12	210	150	0648 791 221	DRL-HAM-PLUS-QUAD-D12,0-L210-WL150MM
12	260	200	0648 791 226	DRL-HAM-PLUS-QUAD-D12,0-L260-WL200MM
14	160	100	0648 791 416	DRL-HAM-PLUS-QUAD-D14,0-L160-WL100MM
14	210	150	0648 791 421	DRL-HAM-PLUS-QUAD-D14,0-L210-WL150MM
16	160	100	0648 791 616	DRL-HAM-PLUS-QUAD-D16,0-L160-WL100MM
16	210	150	0648 791 621	DRL-HAM-PLUS-QUAD-D16,0-L210-WL150MM





Properties:

Drilling speed:

Smooth running:

Precision:

Reinforcement resistance:**

••••

Service life: ••○○



TWIST DRILL BIT HSS DIN 338 TYPE RN

Assembly drill for general, broad applications in steel up to 850 N/mm2 strength and cast iron.

Quick drilling

- Web thinning ensure less friction during drilling and therefore less feed force needed
- The optimized point grinding with short designed working length enable quick drilling by using cordless and wired drill at construction site and in assembly

Self-centering

The crosswise grinding ensures an excellent centering effect even on domed surfaces, eliminating the need for centerpunching or piloting









Notice

Drill bits from 13.0 mm will have a reduced shank of 12.7 mm.

Dia. (in mm)	Total length (in mm)	Working length (in mm)	Art. No.
3	61	33	0617000300
3.5	70	39	0617000350
4.0	75	43	0617000400
4.5	80	47	0617000450
5.0	86	52	0617000500
5.5	93	57	0617000550
6.0	93	57	0617000600
7.0	109	69	0617000700
<i>7</i> .5	109	69	0617000750
8.0	117	75	0617000800
9.0	125	81	0617000900
9.5	125	81	0617000950



TWIST DRILL BIT HSCO DIN 338 TYPE RN MAGMA

The precision Longlife drill bit with magma coating for machining stainless steel (e.g. V2A, V4A), heat-resistant steels and titanium.

Also suitable for general applications in steel up to 1,400 N/ mm2 and in cast iron.

Up to 9x longer service life compared to uncoated drill bits and up to 2x longer service life compared to conventional coatings (heat-resistant up to 800 $^{\circ}$ C) and up to 50 % faster cutting speed than uncoated drill bits

Special magma multi-layer coating

Precise spot drilling without centring, even on curved surfaces

Optimised split point

Product packaging made from 100 % PCR (recycled plastic from household waste) and 100 % recyclable















Suitable for machine type	Drill, Cordless screwdrivers, Pedestal, drilling machine
Material to be processed	Steel, Stainless steel, Cast iron, Titanium, Special alloy
Quality	ZEBRA-Premium
Standard/drilling depth	DIN 338/5xD
Shank style	Cylindrical
Surface	Magma multilayer coating
Cutting material	HSCo
Туре	RN
Angle of the tip	130 Degree
Service life	••••
Drilling speed (point system)	••••
Bore hole quality (point system)	•••○
Versatility	•••○
Drilling behaviour (point system)	•••○
Self-centring	Yes
Suitable for tensile strength up to	1400 N/mm2
Color Coding System	Stainless steel Steel

Dia. (in mm)	Total length (in mm)	Working length (in mm)	Art. No.
3	61	33	0626 040250
3.5	70	39	0626 040400
4.0	75	43	0626 040500
4.5	80	47	0626 040550
5.0	86	52	0626 040600
5.5	93	57	0626 040650
6.0	93	57	0626 040700
7.0	109	69	0626 040750
7.5	109	69	0626 040800
8.0	117	75	0626 040850



SPOT WELD CUTTER

Efficient and fast

The milling depth can be adjusted via the adjustment screw Rasp can be used on both sides No fraying of the sheet metal No deformation

Application area

Body workshops, sheet metal working operations, apparatus construction



Type description: Spot weld cutter D10-L72MM



Art.no. 0698 1

Spare part: Spot weld replacement rasp D 10MM Art.no. 069801



DIAMOND CUTTING DISC CONSTRUCTION SITE

The robust diamond cutting disc with high performance value

- Optimum cutting capacity with long service life
- High break resistance
- Meets the maximum safety requirements in accordance with the EN 12413 European standard
- For use at construction site with changing materials



Diameter	Drill hole	Segment height	Segment thickness	Art.No.
115 mm	22.23 mm	8.5 mm	1.8 mm	0668 152115
180 mm	22.23 mm	8.5 mm	2.2 mm	0668 152180
230 mm	22.23 mm	8.5 mm	2.4 mm	0668 152230

DIAMOND CUP WHEEL RED LINE

Performance focused Diamond Cup Wheel for fast grinding for nearly all concrete and stone materials.

- Precision balanced for less vibration
- Good dust extraction thanks to large openings in the carrier
- Fast material removal thanks to double row segmented type
- Segment height: 5 mm
- Max. circumferential speed: 80 m/s



Diameter	Drill hole	Max. rotation speed	Art.No.
115 mm	22.23 mm	13300 rpm	0668 124115

