


Chisels		Pointed, flat and shaped chisels with TE-C or TE-T connection end
Setting tools	Setting tools with TE-C or TE-T connection end	
Quick-release chucks	Quick-release chucks 282341 and 282342 for wood and metal drill bits with cylindrical or hex. connection end	
Wood drill bits	5–25 mm dia.	
Metal drill bits	up to 13 mm dia.	
Stepped drill bits for metal		3–8 mm dia. (2nd gear) 8–13 mm dia. (1st gear) (hex. connection end)
Mixing paddles for non-inflammable substances		80–150 mm dia. mixing paddles with cylindrical shank
Dust removal system	TE DRS-S	
Theft protection system (available as option)		TPS

4. Technical data

Tool	TE 16	TE 16-C	TE 16-M
Rated power input	800 W	800 W	850 W
Rated voltage/rated current input	100 V / 8,2 A 110 V / 7,3 A 110–127 V / 6,8 A 120 V / 6,8 A 220 V / 3,8 A 230 V / 3,6 A 240 V / 3,5 A	100 V / 8,2 A 110 V / 7,3 A 110–127 V / 6,8 A 120 V / 6,8 A 220 V / 3,8 A 230 V / 3,6 A 240 V / 3,5 A	100 V / 11,0 A 110 V / 10,0 A 110–127 V / 10,0 A 120 V / 9,2 A 220 V / 5,0 A 230 V / 4,8 A 240 V / 4,6 A
Mains frequency	50–60 Hz	50–60 Hz	50–60 Hz
Weight of tool	3.8 kg	3.85 kg	4.05 kg
Dimensions (L x W x H)	360 x 90 x 210 mm	360 x 90 x 210 mm	370 x 90 x 210 mm
Drilling speed without hammering, position 2			1100 r.p.m.
Drilling speed without hammering, position 1	750 r.p.m.	750 r.p.m.	750 r.p.m.
Hammer drilling speed	750 r.p.m.	750 r.p.m.	750 r.p.m.
Single impact energy	3.2 J	3.2 J	3.2 J
Chuck	TE-C (SDS plus)/TE-T (SDS top)		
Drilling dia. range in concrete/masonry (hammer drilling)	5–28mm dia.		
Percussion core bits	66–90 mm dia.		
Drilling dia. range with drill bits for wood	5–20 mm dia.		
Drilling dia. range with drill bits for metal	max. 13 mm dia.		
Drilling dia. range in medium-hard concrete	16 mm dia./72 cm ³ /min		
Double insulated (in accordance with EN 50144)	Protection class II 		
Mechanical slip clutch			

Vibration absorbing grip and side handle		
Interference immunity	in accordance with EN 55014-2	
Radio and television interference suppression	in accordance with EN 55014-1	
Noise and vibration information (measured in accordance with EN 50144):		
Typical A-weighted sound power level (LwA):	102 dB (A)	
Typical A-weighted sound power level (LpA):	89 dB (A)	
Wear ear protection!		
Typical weighted vibration at the grips	9,5 m/s ²	9 m/s ²

Right of technical changes reserved!

5. Safety precautions

5.1 Basic information concerning safety

CAUTION: To avoid the risk of electric shock, injury or fire, the following basic safety precautions must always be observed when using electric tools.

Read all safety precautions and instructions before using this tool.

5.2 Safety precautions at the workplace



- Ensure that the workplace is well lit.
- Ensure that the workplace is well ventilated.
- Keep the workplace tidy. Objects which could cause injury should be removed from the working area. Untidiness at the workplace can lead to accidents.
- Secure the workpiece. Use clamps or a vice to hold the workpiece in place. The workpiece is thus held more securely than by hand and both hands remain free to operate the tool.
- Wear eye protection.
- Wear breathing protection if the work creates dust.
- Wear suitable working clothing. Do not wear loose clothing, loose long hair or jewelry as it can become caught up in moving parts. Wear suitable headgear if you have long hair.
- It is recommended that protective gloves and non-slip shoes are worn when working outdoors.
- Keep children and other persons away from the working area.
- Do not allow other persons to tamper with the tool or the supply cord.
- Avoid unfavorable body positions. Work from a secure stance and stay in balance at all times.

- Connect the dust extraction system. Check that this system is connected and used correctly.
- To avoid tripping and falling when working, always lead the supply cord, extension cord and dust extraction hose away to the rear.
- Concealed electric cables or gas and water pipes present a serious hazard if damaged while you are working. Accordingly, check the area in which you are working beforehand (e.g. using a metal detector). External metal parts of the tool may become live, for example, when an electric cable is drilled into inadvertently.

5.3 General safety precautions



- Use the right tool for the job. Do not use the tool for purposes for which it was not intended. Use the tool only as directed and when it is in faultless condition.
- Avoid contact with rotating parts.
- Use only the original accessories or ancillary equipment listed in the operating instructions. Use of accessories or items of ancillary equipment other than those listed in the operating instructions may present a risk of personal injury.
- Take the influences of the surrounding area into account. Do not expose the tool to rain or snow and do not use it in damp or wet conditions. Do not use the tool where there is a risk of fire or explosion.
- Keep the grips clean, dry and free from oil and grease.
- Do not overload the tool. It will work more efficiently and more safely within its intended performance range.
- Always hold the tool securely with both hands on the grips provided.