

Screwdrivers

When it comes to processing large quantities of screws professionally, efficiently, and thus economically, a power screwdriver from Metabo is always the right choice.




























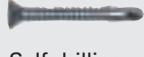







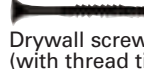






































A power screwdriver can be the answer to many problems. It is essential therefore to choose the

power screwdriver and attachment best suited to the screw type and the job on hand.

With the right combination of power tool, bit, and screw type, the investment in a Metabo power screwdriver will pay for itself

within the space of a single working day.

When it comes to choosing the right Metabo power screwdriver to meet your own special needs, bear in mind that all these criteria must match.

Which power screwdriver for which job?		Maximum possible shank diameter of screws (mm)			
Type of screw	Screw material and type of job	S E 5040 R+L 450 watts 	S E 5025 R+L 450 watts 	DWSE 6.3 550 watts 	USE 8 550 watts 
 Self-tapping screws	Metal sheet, automobile industry, metal sheet coverings, fans	 4.8 mm	 6.3 mm	 6.3 mm	 6.3 mm
		—			
 Wood screws	Wood, woodworking industry, attaching small iron-work	 5 mm	 6 mm	 7 mm	 8 mm
		—			
 Self-drilling screws (Teks)	Metal, fitters, automobile industry, machine engineering	 4.8 mm	 6.3 mm	 6.3 mm	 6.3 mm
		—	—		
 Self-drilling winged screws	Wood on metal, garage doors, interior decorating, vehicle bodies and fittings	 4.8 mm	 5.5 mm	 6.3 mm	 6.3 mm
		—			
 Drywall screws (with thread tip or drilling tip)	Various materials, plaster-board, wood or metal substructures, interior decorating, plasterwork, stucco, factory and hall construction	 4.8 mm	 6.3 mm	—	—
					
 Chip-board screws	Wood, chip-boards, pre-fabricated house-building, interior decorating, joinery, carpentry	 5 mm	 6 mm	 7 mm	 8 mm
		—			
 Screws with frame plugs	Brickwork, concrete, interior installations, heating and sanitation	—	—	 10 mm dowel plug Ø S10 	 10 mm dowel plug Ø S14 
 Thread-tapping screws	Various materials, roofing, curtain walls on wood or metal substructures, factory and hall construction, wall lining and cladding	 4.8 mm	 4.8 mm	 6.3 mm	 6.3 mm
		—			
 Self-drilling screws (with and without sealing washer)	Various materials, roofing, curtain walls on wood or metal substructures, factory and hall construction, wall lining and cladding, automobile industry	 4.8 mm	 4.8 mm	 6.3 mm	 6.3 mm
		—			
 Metric screws	Metal, metal fitting, metal structures, machine engineering	—	—	M 6 	M 8 

Example USE 8

Ergonomic design

Metabo power screwdrivers fit really comfortably and securely in your hand. Their ergonomic design has been perfected to meet the needs of the user and make work easier, safer, and a lot less tiring.

Precisely adjustable screw depth

The drive-in depth can be preset exactly (1 mm per revolution/0.25 mm per step); this ensures that screws are driven smoothly and evenly.

Metabo winding-protection grid

Sturdy Metabo Marathon motor

10 torque settings plus a fixed torque mode (automatic switch-off not triggered)

Tool/accessory change with quick-action coupling

Depth-stop, completely detachable

The aluminium depth-stop sleeve ensures that the power screwdriver switches off exactly when it reaches the preset drive-in depth.

Stepless speed variation

Hard-wearing die-cast aluminium gear housing

The extremely durable aluminium housing takes even the most extreme conditions in its stride and quickly dissipates the heat generated. The machine does not heat up as much and will last much longer.



Stepless speed variation

Thanks to the Variospeed (V) electronics, with its stepless speed adjustment, the power screwdriver can be ideally adapted to the screw type and to the job in hand.



The right Metabo screwdriver bit for every job

Metabo offers a wide spectrum of bits and accessories for each and every screwing job. All these power screwdrivers can, thanks to their quick-action couplings, be used with the whole range of accessories.

The advantage for you: When you buy a new power screwdriver you do not have to also buy a whole set of new bits and accessories to match.

Mains-powered screwdrivers DWSE 6.3 and USE 8



Automatic switch-off, torque-controlled and / or depth-controlled

Unique feature :

The two mains-powered screwdrivers DWSE 6.3 and USE 8 incorporate two different automatic switch-off methods. You can choose depending on the job on hand: To drive screws slowly and gently, choose the torque-controlled switch-off and/or to drive them exactly flush choose the depth-stop switch-off.



»Fixed torque mode«

On the USE 8 the torque-controlled switch-off can be deactivated. Then in the so-called »fixed torque mode«, you can work either purely by sight or by using the depth-stop switch-off.

A three-stage reducing gear system gives the USE 8 a torque of up to 40 Nm. The USE 8 can thus handle screws up to 8 mm in diameter and up to 400 mm long – without the need for pre-drilling – and frame plugs up to 14 mm in diameter.



Sturdy Metabo Marathon motor

The special Metabo winding-protection system and the epoxy resin powder coating on the coil make the motor completely impervious to the harmful effects of dust. And the unique Metabo winding-protection grid keeps out abrasive and potentially destructive grit.

Screwdrivers



S E 5025 R+L



S E 5040 R+L
... with particularly high speed



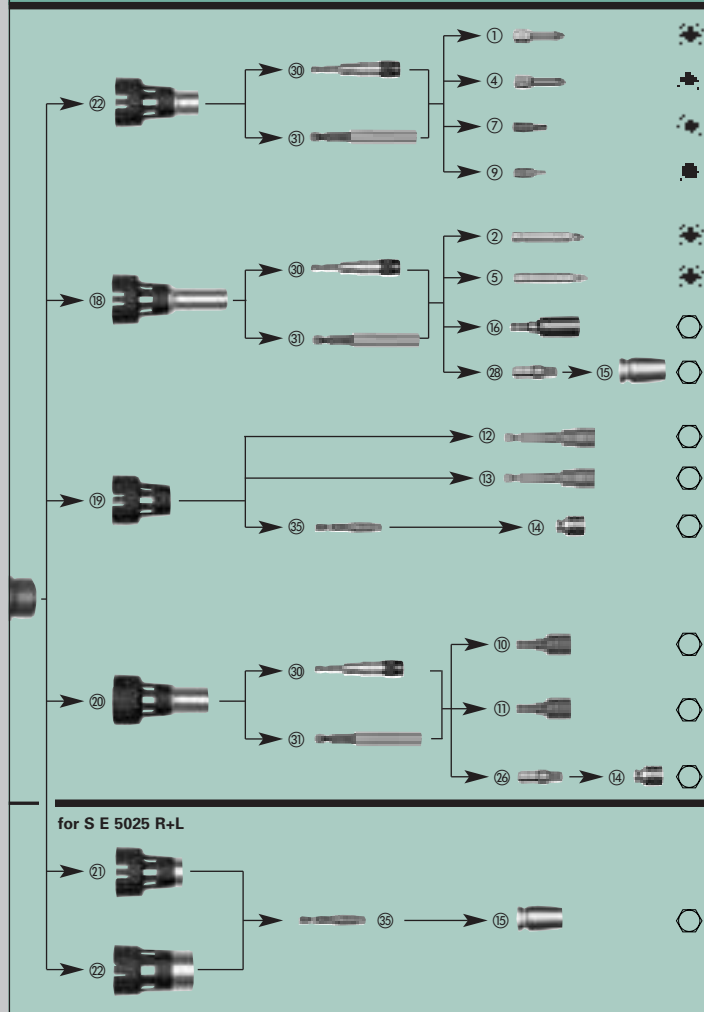
Common characteristics

- Two-level depth stop
- Depth stop sleeve with aluminium front part
- Accurately adjustable drive-in depth
- Magnetic bit holder with quick-action coupling
- Low-noise dog clutch
- High speed
- Variospeed (V) electronic speed control
- Clockwise/counter-clockwise rotation
- Auto-stop carbon brushes
- Belt clip to hold the tool

	450-watt electronic screwdriver S E 5025 R+L	450-watt electronic screwdriver S E 5040 R+L
Special advantages		
● Exceptionally high speed		●
● Max. tightening torque	12 Nm	8 Nm
Technical specifications		
Type	S E 5025 R+L	S E 5040 R+L
Order No.	6.05025 ■	6.05038 ■
Standard equipment	magnetic bit holder with quick-action coupling and Pozidriv screwdriver bit size 2/25	magnetic bit holder with quick-action coupling and Phillips screwdriver bit size 2/25
No-load speed	0-2500 rpm	0-4000 rpm
Rated input power	450 watts	450 watts
Output power	260 watts	260 watts
Speed at rated load	1800 rpm	2800 rpm
Bit socket	Hexagon recess 1/4" (6.35 mm)	Hexagon recess 1/4" (6.35 mm)
Weight (excluding mains lead)	1.5 kg	1.5 kg

Accessories

for screwdrivers S E 5025 R+L and S E 5040 R+L



for S E 5025 R+L

Depth-stop sleeves	Length	Inside diameter	Order No.
	17 67 mm	13.5 mm	6.30643 ¹⁾
	18 91 mm	17.5 mm	6.30641
	19 49 mm	20 mm	6.30645
	20 87 mm	17.5 mm	6.30642
	21 61 mm	20 mm	6.30644 ^{2,3)}
	22 61 mm	30 mm	6.30640 ^{2,4)}

¹⁾ Supplied as standard with this power screwdriver

²⁾ Suitable for S E 5025 R+L

³⁾ Suitable for sealing screws with 16 mm and 19 mm diameter sealing washers

⁴⁾ Suitable for sealing screws with 22 mm and 29 mm diameter sealing washers, and for facing and cladding screws with 25 mm diameter sealing element

Bit holder
with 1/4" (6.35 mm) hexagon shank insert

21 Magnetic, with quick-action coupling, 76.5 mm long

6.30648¹⁾

22 Non-magnetic, 75 mm long

6.30560

¹⁾ Supplied as standard with these power screwdrivers

Socket drivers with

1/4" (6.35 mm) external square drive and 1/4" (6.35 mm) hexagon shank insert

30 50 mm long

6.30142

31 25 mm long

6.31282



USE 8
... exceptionally
high torque



DWSE 6.3



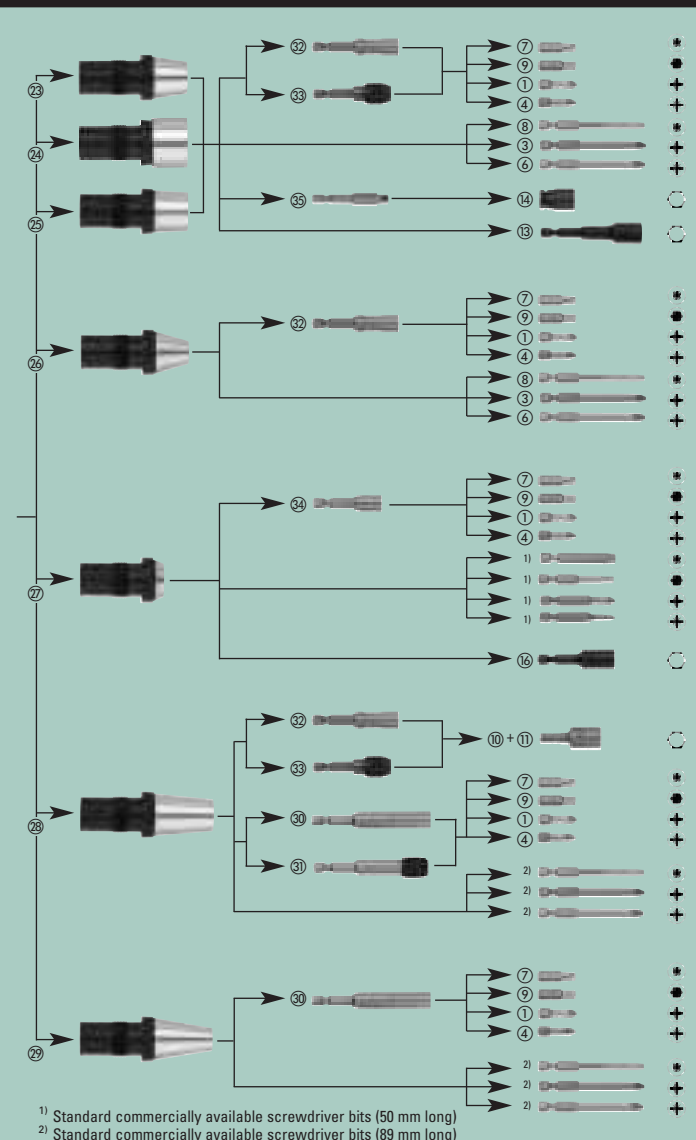
Common characteristics

- 10-level adjustable torque
- Robust Metabo Marathon motor for long service life
- Two-level depth stop
- Depth stop completely detachable for working by sight
- Depth stop sleeve with aluminium front part
- Accurately adjustable drive-in depth
- Clockwise/counter-clockwise rotation
- Tool/accessory change with quick-action coupling
- Low-noise dog clutch
- Shot-peened precision cast dog clutch for long service life
- Variospeed (V) electronic speed control
- Die-cast aluminium gear housing for optimal heat dissipation
- Optimal tool cooling by axial/radial fans
- Metabo armature winding protection grid
- Auto-stop carbon brushes

	550-watt electronic screwdriver USE 8	550-watt electronic screwdriver DWSE 6.3
Special advantages		
● »Rigid drive« for inserting frame dowels	●	
● Optimal speed for inserting self-tapping screws		●
● Adjustable torque	3-18 Nm	3-18 Nm
● Max. tightening torque	40 Nm	18 Nm
Type	USE 8	DWSE 6.3
Order No.	6.20002 ■	6.20001 ■
Standard equipment	bit holder with retaining ring and extra support handle	bit holder with retaining ring
Technical specifications		
No-load speed	0-900 rpm	0-2100 rpm
Rated input power	550 watts	550 watts
Output power	290 watts	290 watts
Speed at rated load	580 rpm	1350 rpm
Bit socket	Hexagon recess 1/4" (6.35 mm)	Hexagon recess 1/4" (6.35 mm)
Weight (excluding mains lead)	2 kg	2 kg

Accessories

for screwdrivers USE 8 and DWSE 6.3



Depth-stop sleeves	Length	Inside diameter	Order No.
	23 61-77 mm	18 mm	6.25352 ¹⁾
	24 61-77 mm	34 mm	6.25354
	25 61-77 mm	24 mm	6.25353
	26 61-77 mm	12 mm	6.25351
	27 45-61 mm	18 mm	6.25350
	28 77-93 mm	21 mm	6.25356
	29 77-93 mm	12 mm	6.25355
¹⁾ Supplied as standard with these power screwdrivers			
Bit holder with 1/4" (6.35 mm) hexagon shank			
	30 non-magnetic, 75 mm long		6.30560
	31 magnetic, with quick-action coupling, 76,5 mm long		6.30648
	32 non-magnetic, 57 mm long		6.25358 ¹⁾
	33 magnetic, with quick-action coupling, 52 mm long		6.25357
	34 non-magnetic, 42 mm long		Standard commercially
¹⁾ Supplied as standard with these power screwdrivers			
Connection with 1/4" (6.35 mm) external square drive and 1/4" (6.35 mm) hexagon shank			
	35 50 mm long		6.30142