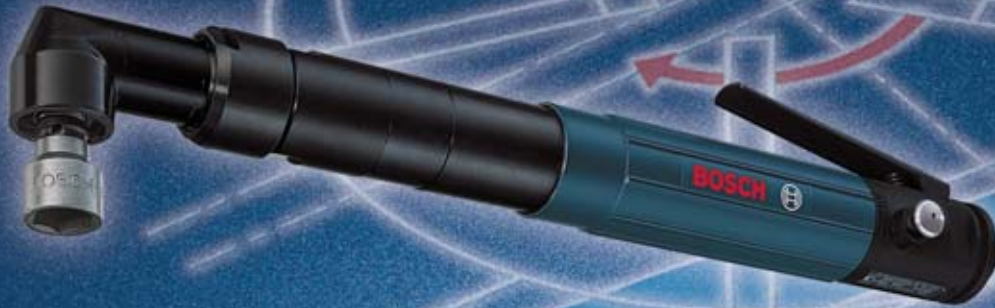


**BOSCH PRODUCTION
AIR TOOLS**



**PNEUMATIC ASSEMBLY
WITH INCREDIBLE
PRECISION.**



www.boschproductiontools.com

BOSCH
Production Tools



Straight Screwdrivers

with CLEAN Oil-free 20–120 Watt Motors

20 Watt Pencil-Style Straight Screwdrivers

- Ideal for micro-electronics, eyewear, and other small assemblies
- C-L-E-A-N motor technology reduces noise & air consumption and eliminates the need for oil
- Clean room certified air motor
- Integrated screw vacuum system when used with optional guide sleeve (see accessory pages 36-37)
- Optional exhaust air hose
- Lightweight, break-resistant polyamide housing
- Locking reverse button



Pencil-Style Straight Screwdrivers with Shut-off Clutch

(Best accuracy)



CLEAN 20 Watt
0.03 Hp Motor

Image is not to scale; tool is only 6 inches long!

Pencil-Style Straight Screwdriver with S-Plus Combination Clutch

(Best accuracy & best for self-tapping screws)



CLEAN 20 Watt
0.03 Hp Motor

Image is not to scale; tool is only 6 inches long!

Straight Screwdriver with Ratcheting Cushion Clutch

(Good accuracy, ideal for self-tapping screws)



CLEAN 120 Watt
0.16 Hp Motor

Straight Screwdriver with Shut-off Clutch

(Best accuracy)



CLEAN 120 Watt
0.16 Hp Motor

Straight Screwdriver with S-Plus Combination Clutch

(Best accuracy & best for self-tapping screws)



CLEAN 120 Watt
0.16 Hp Motor

120 Watt Straight Screwdrivers

- C-L-E-A-N motor technology reduces noise & air consumption and eliminates the need for oil
- Clutch torque adjustment does not require bit removal
- Precision shut-off clutch allows very fine torque adjustment and minimal torque deviation
- Broad torque range – 0.8 to 7 Nm (7 to 62 in-lbs).
- S-Plus clutch combines the features of a shut-off and cushion clutch
- Higher torque in reverse aids in fastener removal
- Available custom clutch housing mates screwdriver to automatic screw-feed systems (non-Bosch item). Refer to accessory page 38 for information.
- Locking reverse button

Tool part number	Recommended screw diameter @ grade 8.8	Torque (Nm), hard joint (30°)	Torque (in-lbs), hard joint (30°)	Torque (in-lbs), hard joint (30°)
0 607 459 203	M 3	0.06–1	0.53–8.9	0.06–0.9
0 607 459 205	M 3	0.06–0.8	0.53–7	0.06–0.6
0 607 459 204	M 3	0.06–1	0.53–8.9	0.06–0.9
0 607 454 006	M 4	0.8–3	7–26.6	0.8–2
0 607 454 007	M 5	0.8–3.4	7–30	0.8–3
0 607 454 238	M 4	0.8–3	7–26.6	0.8–2
0 607 454 239	M 5	0.8–3.4	7–30	0.8–3
0 607 454 228	M 4	0.8–2.5	7–22	0.8–1.5
0 607 454 229	M 4	0.8–3	7–26.6	0.8–2
0 607 454 230	M 5	0.8–3.4	7–30	0.8–3
0 607 454 231	M 5	0.8–5	7–44.2	0.8–4.5
0 607 454 232	M 4	0.8–7	7–62	0.8–7
0 607 454 234	M 4	0.8–3	7–26.6	0.8–2
0 607 454 235	M 5	0.8–3.4	7–30	0.8–3
0 607 454 236	M 5	0.8–5	7–44.2	0.8–4.5
0 607 454 237	M 6	0.8–7	7–62	0.8–7

Angle (30°)	Torque (Nm), soft joint (720°)	No load speed (rpm)	Rotation (R = right, L = left)	Power (watts/horsepower)	Air consumption under load (l/s)	Air consumption under load (cfm)	Weight kg / lbs.	Bit Holder/Drive end Hex = Female Hexagon QC = Quick-change chuck	Air inlet thread	Features	Included Accessories	Accessory Part numbers
0.53-8	800	R/L	20 / 0.03	2.2	4.7	0.2 / 0.4	3 mm Hex.	M 5		Push start.	Suspension hook	3 604 720 024
0.53-5.3	1200	R/L	20 / 0.03	2.2	4.7	0.2 / 0.4	3 mm Hex.	M 5		Integrated screw vacuum for use with optional guide sleeve and bits (both models). Refer to accessory pages 36-37 for bit holder specifications.	Sintered metal muffler Clutch springs: 0.2-0.6 Nm (brown, in tool) 0.06-0.3 Nm (green) 0.5-1 Nm (orange) Guide sleeve spring	3 607 000 024 3 604 617 002 3 604 616 006 3 604 618 005 3 604 610 016
0.53-8	800	R/L	20 / 0.03	2.2	4.7	0.2 / 0.4	3 mm Hex.	M 5		Push and lever start for shut-off bypass. Integrated screw vacuum for use with optional guide sleeve and bits. Refer to accessory pages 36-37 for bit holder specifications.	Suspension hook Sintered metal muffler Clutch springs: 0.2-0.6 Nm (brown, in tool) 0.06-0.3 Nm (green) 0.5-1 Nm (orange) Guide sleeve spring	3 604 720 024 3 607 000 024 3 604 617 002 3 604 616 006 3 604 618 005 3 604 610 016
7-18	1700	R/L	120 / 0.16	3.4	7.3	0.8 / 1.8	1/4" QC	G 1/4"		Lever start	Suspension hook	2 604 720 004
7-26.6	1050	R/L	120 / 0.16	3.4	7.3	0.8 / 1.8	1/4" QC	G 1/4"		Lever start	Barbed hose nipple	3 603 386 039
7-18	1700	R/L	120 / 0.16	3.4	7.3	0.8 / 1.8	1/4" QC	G 1/4"		Push start	Clutch adjusting tool	3 607 950 015
7-26.6	1050	R/L	120 / 0.16	3.4	7.3	0.8 / 1.8	1/4" QC	G 1/4"		Push start	Clutch spring (yellow)	3 604 619 003
7-13.2	2300	R/L	120 / 0.16	3.4	7.3	0.75 / 1.7	1/4" QC	G 1/4"		Push start	Suspension hook	2 604 720 004
7-18	1700	R/L	120 / 0.16	3.4	7.3	0.8 / 1.8	1/4" QC	G 1/4"		Push start	Barbed hose nipple	3 603 386 039
7-26.6	1050	R/L	120 / 0.16	3.4	7.3	0.8 / 1.8	1/4" QC	G 1/4"		Push start	Clutch adjusting tool	3 607 950 015
7-40	640	R/L	120 / 0.16	3.4	7.3	0.8 / 1.8	1/4" QC	G 1/4"		Push start	Clutch spring (yellow)	3 604 619 003
7-62	400	R/L	120 / 0.16	3.4	7.3	0.8 / 1.8	1/4" QC	G 1/4"		Push start		
7-18	1700	R/L	120 / 0.16	3.4	7.3	0.8 / 1.8	1/4" QC	G 1/4"		Push and lever start for shut-off bypass. (all models)	Suspension hook	2 604 720 004
7-26.6	1050	R/L	120 / 0.16	3.4	7.3	0.8 / 1.8	1/4" QC	G 1/4"			Barbed hose nipple	3 603 386 039
7-40	640	R/L	120 / 0.16	3.4	7.3	0.8 / 1.8	1/4" QC	G 1/4"			Clutch adjusting tool	3 607 950 015
7-62	400	R/L	120 / 0.16	3.4	7.3	0.8 / 1.8	1/4" QC	G 1/4"			Clutch spring (yellow)	3 604 619 003

All motor power & torque data in this catalog assumes an air pressure of 6.3 bar/91psi exists at the tool inlet. Correct air pressure and volume should be verified at inlet with the tool running at no-load speed.

Straight Screwdrivers

with CLEAN Oil-free 180 Watt Motors or Standard 400 Watt Motors

180 Watt Straight Screwdrivers

- C·L·E·A·N motor technology reduces noise & air consumption and eliminates the need for oil
- Clutch torque adjustment does not require bit removal
- Precision shut-off clutch allows very fine torque adjustment and minimal torque deviation
- Broad torque range of 1.2 to 10 Nm (.88 to 7.4 ft-lbs.)
- S-Plus clutch combines the features of a shut-off and cushion clutch
- Higher torque in reverse aids in fastener removal
- Available custom clutch housing mates screwdriver to automatic screw-feed systems (non-Bosch item). Refer to accessory page 38 for information
- Locking reverse button



400 Watt Straight Screwdrivers

- Auxiliary side handle included
- Virtually unbreakable, cold insulating polyamide housing protects motor and provides maximum operator comfort
- Exhaust air hose optional
- Locking reverse button
- Available guide sleeve and cover on accessory page 40

Straight Screwdriver with Ratcheting Cushion Clutch

(Good accuracy, ideal for self-tapping screws)



Straight Screwdriver with Shut-off Clutch

(Best accuracy)



Straight Screwdriver with S-Plus Combination Clutch

(Best accuracy & best for self-tapping screws)



Straight Screwdriver with Ratcheting Cushion Clutch

(Good accuracy, ideal for self-tapping screws)



Straight Screwdriver with Shut-off Clutch

(Best accuracy)



Straight Screwdriver with S-Plus Combination Clutch

(Best accuracy & best for self-tapping screws)



Tool part number	Recommended screw diameter @ grade 8.8	Torque (Nm), hard joint (30°)	Torque (ft-lbs), hard joint	Torque (ft-lbs), hard joint
0 607 453 009	M 6	1.2-5.5	0.89-4	1.2-5
0 607 453 010	M 6	1.2-7	0.89-5.1	1.2-7
0 607 453 233	M 5	1.2-3	0.89-2.2	1.2-2.5
0 607 453 234	M 5	1.2-4.5	0.89-3.3	1.2-3
0 607 453 229	M 5	1.2-4.5	0.89-3.3	1.2-3
0 607 453 230	M 6	1.2-5.5	0.89-4	1.2-5.5
0 607 453 231	M 6	1.2-7	0.89-5.1	1.2-7
0 607 453 232	M 6	1.2-10	0.89-7.4	1.2-10
0 607 453 235	M 5	1.2-3	0.89-2.2	1.2-2.5
0 607 453 236	M 5	1.2-4.5	0.89-3.3	1.2-3
0 607 453 237	M 6	1.2-5.5	0.89-4	1.2-5
0 607 453 238	M 6	1.2-7	0.89-5.1	1.2-7
0 607 453 239	M 6	1.2-10	0.89-7.4	1.2-10
0 607 453 240	M 6	1.2-5.5	0.89-4	1.2-5
0 607 453 241	M 6	1.2-7	0.89-5.1	1.2-7
0 607 453 242	M 6	1.2-10	0.89-7.4	1.2-10
0 607 461 001	M 8	5.5-15	4-11	5.5-14
0 607 461 201	M 6	5.5-10	4-7.4	5.5-10
0 607 461 202	M 8	5.5-15	4-11	5.5-14
0 607 461 205	M 6	5.5-10	4-7.4	5.5-10
0 607 461 203	M 8	5.5-13	4-9.6	5.5-13
0 607 461 206	M 8	5.5-15	4-11	5.5-14
0 607 461 204	M 8	8-19	5.9-14	8-17
0 607 461 207	M 8	8-19	5.9-14	8-17
0 607 461 208	M 6	5.5-10	4-7.4	5.5-10
0 607 461 209	M 8	5.5-15	4-11	5.5-14

Angle (30°)	Torque (Nm), soft joint (720°)	Torque (ft-lbs), soft joint (720°)	No load speed (rpm)	Rotation (R = right, L = left)	Power (watts/horsepower)	Air consumption under load (l/s)	Air consumption under load (cfm)	Weight kg / lbs.	Bit Holder/Drive end Hex = Female Hexagon QC = Quick-change chuck	Air inlet thread	Features	Included Accessories	Accessory Part numbers
0.89-3.7	950	R/L	180 / 0.24	5.5	11.6	0.9 / 2.0	1/4" QC	G 1/4"	Lever start, yellow spring	Suspension hook	2 604 720 004		
0.89-5.1	600	R/L	180 / 0.24	5.5	11.6	0.9 / 2.0	1/4" QC	G 1/4"	Lever start, blue spring	Clutch adjusting tool	3 607 950 015		
0.89-1.8	2200	R/L	180 / 0.24	5.5	11.6	0.9 / 2.0	1/4" QC	G 1/4"	Push start, yellow spring	Barbed hose nipple	3 603 386 039		
0.89-2.2	1500	R/L	180 / 0.24	5.5	11.6	0.9 / 2.0	1/4" QC	G 1/4"	Push start, yellow spring	Clutch spring (yellow)	3 604 619 003		
										Model 010 includes: Clutch spring (blue)	3 604 619 020		
										Note: lever start models feature screw counting port			
0.89-2.2	1500	R/L	180 / 0.24	5.5	11.6	0.8 / 1.8	1/4" QC	G 1/4"	Lever start, yellow spring	Suspension hook	2 604 720 004		
0.89-4	950	R/L	180 / 0.24	5.5	11.6	0.8 / 1.8	1/4" QC	G 1/4"	Lever start, yellow spring	Clutch adjusting tool	3 607 950 015		
0.89-5.1	600	R/L	180 / 0.24	5.5	11.6	0.9 / 2.0	1/4" QC	G 1/4"	Lever start, blue spring	Barbed hose nipple	3 603 386 039		
0.89-7.4	380	R/L	180 / 0.24	5.5	11.6	0.9 / 2.0	1/4" QC	G 1/4"	Lever start, blue spring	Clutch spring (yellow)	3 604 619 003		
0.89-1.8	2200	R/L	180 / 0.24	5.5	11.6	0.8 / 1.8	1/4" QC	G 1/4"	Push start, yellow spring	Models 231, 232, 238, 239 include:			
0.89-2.2	1500	R/L	180 / 0.24	5.5	11.6	0.8 / 1.8	1/4" QC	G 1/4"	Push start, yellow spring	Auxiliary handle	3 602 025 016		
0.89-3.7	950	R/L	180 / 0.24	5.5	11.6	0.8 / 1.8	1/4" QC	G 1/4"	Push start, yellow spring	Clutch spring (blue)	3 604 619 020		
0.89-5.1	600	R/L	180 / 0.24	5.5	11.6	0.9 / 2.0	1/4" QC	G 1/4"	Push start, blue spring	Note: lever start models feature screw counting port			
0.89-7.4	380	R/L	180 / 0.24	5.5	11.6	0.9 / 2.0	1/4" QC	G 1/4"	Push start, blue spring				
0.89-3.7	950	R/L	180 / 0.24	5.5	11.6	0.8 / 1.8	1/4" QC	G 1/4"	Yellow spring	Suspension hook	2 604 720 004		
0.89-5.1	600	R/L	180 / 0.24	5.5	11.6	0.9 / 2.0	1/4" QC	G 1/4"	Blue spring	Clutch adjusting tool	3 607 950 015		
0.89-7.4	380	R/L	180 / 0.24	5.5	11.6	0.9 / 2.0	1/4" QC	G 1/4"	Blue spring	Barbed hose nipple	3 603 386 039		
									Push and lever start for shut-off bypass. (all models)	Clutch spring (yellow)	3 604 619 003		
										Clutch spring (blue)	3 604 619 020		
										Model 241, 242 includes: Model 242 includes: Auxiliary handle	3 602 025 016		
4-10	700	R/L	400 / 0.54	11	23.3	1.3 / 2.9	1/4" QC	G 1/4"	Lever start	Suspension hook	3 604 720 004		
4-7.4	1050	R/L	400 / 0.54	11	23.3	1.3 / 2.9	1/4" QC	G 1/4"	Push start	Clutch locking tab	3 601 329 007		
4-10	700	R/L	400 / 0.54	11	23.3	1.3 / 2.9	1/4" QC	G 1/4"	Push start	Barbed hose nipple	2 603 386 002		
										Auxiliary handle	3 602 025 009		
4-7.4	1050	R/L	400 / 0.54	11	23.3	1.3 / 2.9	1/4" QC	G 1/4"	Push start	Suspension hook	3 604 720 004		
4-9.6	1200	R	400 / 0.54	10.2	21.6	1.3 / 2.9	1/4" QC	G 1/4"	Push start	Clutch locking tab	3 601 329 007		
4-10	700	R/L	400 / 0.54	11	23.3	1.3 / 2.9	1/4" QC	G 1/4"	Push start	Barbed hose nipple	2 603 386 002		
5.9-12.5	800	R	400 / 0.54	10.2	21.6	1.3 / 2.9	1/4" QC	G 1/4"	Push start	Auxiliary handle	3 602 025 009		
5.9-12.5	800	R	400 / 0.54	10.2	21.6	1.3 / 2.9	1/4" QC	G 1/4"	Lever start				
4-7.4	1050	R/L	400 / 0.54	11	23.3	1.3 / 2.9	1/4" QC	G 1/4"	Push and lever start for shut-off bypass.	Suspension hook	3 604 720 004		
4-10	700	R/L	400 / 0.54	11	23.3	1.3 / 2.9	1/4" QC	G 1/4"		Clutch locking tab	3 601 329 007		
										Barbed hose nipple	2 603 386 002		
										Auxiliary handle	3 602 025 009		

All motor power & torque data in this catalog assumes an air pressure of 6.3 bar/91psi exists at the tool inlet. Correct air pressure and volume should be verified at inlet with the tool running at no-load speed.