



***Atlas Copco
ErgoPulse***

Tighten up your
assembly lines

Atlas Copco

SETTING NEW STANDARDS AROUND THE WORLD

The complete ErgoPulse range of powerful tools is setting new standards in productivity, ergonomics, accuracy and reliability in assembly lines around the world.

ENHANCED PRODUCTIVITY

- High speed
- Short cycle times
- One-hand operation
- High power to weight

GREAT RELIABILITY

- Consistent torque over time
- Low meanshift
- Excellent durability

HIGH QUALITY

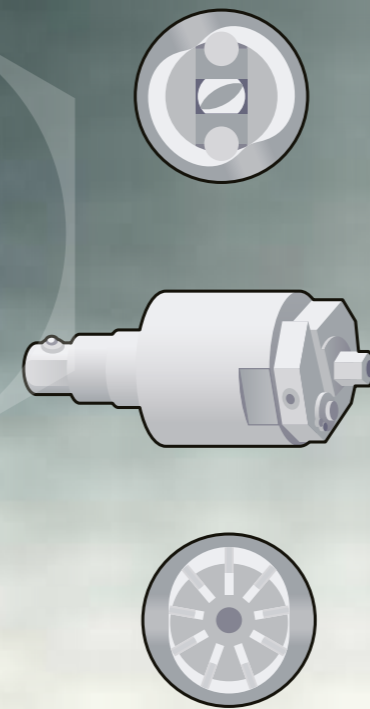
- No springs
- No wear on key parts
- High precision components

BETTER ERGONOMICS

- No reaction forces
- Low noise levels
- Low weight
- Lubrication free
- Excellent balance

POWER AHEAD OF THE COMPETITION

When you select ErgoPulse you are equipped with tools that will generate rapid productivity gains. Unique technical solutions will help you meet—and even surpass—your goals in reliability and accuracy.



Twin piston pulse unit High power and excellent durability

The pulse mechanism of the ErgoPulse shut-off tools is designed for maximum torque generation and energy transfer.

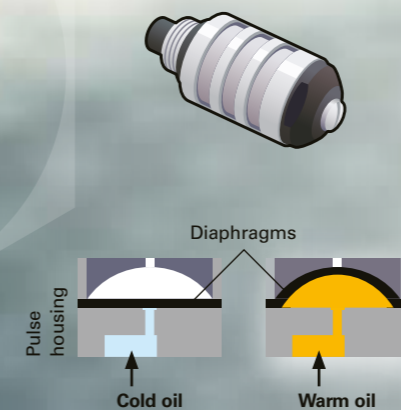
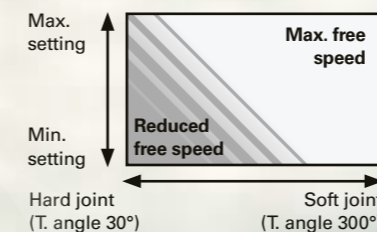
The unique camshaft, the guided pistons and the durable rollers are immersed in oil, ensuring no wear and long service life. Inertia shut-off system

Reliable and fast

The unique inertia shut-off system allows the tool to tighten at maximum speed and power until final torque is reached.

Twin chamber motor Delivering high torque

Trim valves
Optimum performance on all types of joints
AutoTrim StandardTrimOil compensation volume
Ensuring stable torque output



SELECT THE RIGHT PULSE TOOL FOR YOUR APPLICATION

NON SHUT-OFF TOOLS



ErgoPulse XS

SHUT-OFF TOOLS



ErgoPulse PTS



ErgoPulse PTX
The peak performer

Shuts off automatically when set torque is reached.

MONITORING TOOL



ErgoPulse Pulsor C

Monitors key parameters such as torque and angle. Alerts when an error occurs.

The operator controls the process.





PTS

Torque range **6–410 Nm**

THE POWERFUL TOOL

The ErgoPulse PTS is the successor of PT. With a more powerful motor, the job gets done faster. Available in StandardTrim and AutoTrim version.



PTX

Torque range **2–900 Nm**

THE PEAK PERFORMER

The fastest, lightest and most powerful tool in the ErgoPulse range. Available in StandardTrim and AutoTrim version.



XS

Torque range **2–400 Nm**

THE OPERATOR-CONTROLLED TOOL

When the operator needs to control the process, Atlas Copco's non shut-off tool ErgoPulse XS is the ideal choice. The tool is optimized to provide high torque, fast and accurate tightenings as well as an extremely long service life.



USE IT RIGHT

The tool you choose for a given application and how you use it will make a significant difference in the success you achieve and the longevity of the tool.

"ERGOPULSE CUTS ASSEMBLY TIME BY HALF"

Ruthmann, Germany

For more than 50 years, Ruthmann in Hochmoor, Germany, has produced truck-mounted platforms with a focus on quality. For the assembly of the turntable—the connective link between wheels and hoist—Ruthmann has tested a number of assembly tools.

Pneumatic impact wrenches were too noisy and inaccurate, electric impact wrenches were faster but too big and inaccurate. The electric tools were recently replaced with ErgoPulse tools, one EP12PTS and one EP14PTS, that perfectly meet the tolerance requirements.

Industry foreman Johannes Thesing was amazed by the advantages provided by the Ergo Pulse tools. "We are impressed by the essentially faster, more accurate, lightweight and quieter EP tools without reaction force," explains Thesing.

Each turntable is assembled with 40 to 80 joints that reach torques of up to 240 Nm. The investment in a new compressed air device to run the tools was easily justified. By eliminating the need to retorque with a torque wrench, spot checks are now sufficient and assembly is made in half the time.



Non shut-off tools | ErgoPulse XS | Straight and Pistol grip models

Model	Bolt size mm	Square drive in	Torque range ^a		Free speed r/min	Weight		Length mm	CS distance mm	Air consumption under load		Rec. hose size mm	Air inlet thread in	Ordering No.
			Nm	ft lb		kg	lb			l/s	cfm			
EP6XS SR10	M6	3/8	10-20	7-15	8000	0.7	1.5	221	22	8	17	8	1/4	8431 0372 25
EP6XS SR42	M6	1/4 ^b	9-19	6-14	8000	0.7	1.5	219	22	8	17	8	1/4	8431 0372 27
EP7XS SR10	M8	3/8	20-31	15-23	10000	0.7	1.5	221	22	8	17	8	1/4	8431 0372 05
EP7XS SR42	M8	1/4 ^b	17-28	13-21	10000	0.7	1.5	219	22	8	17	8	1/4	8431 0372 15
EP8XS SR10	M8-M10	3/8	30-52	22-38	8000	0.9	2.0	244	24	9	19	8	1/4	8431 0369 20
EP8XS SR42	M8	1/4 ^b	22-40	16-29	8000	0.9	2.0	242	24	9	19	8	1/4	8431 0369 30
EP6PS HR10	M8	3/8	°-30	°-22	8000	0.8	1.8	150	21	9	19	10	1/4	8431 0368 21
EP6PS HR42	M8	1/4 ^b	°-28	°-21	8000	0.8	1.8	148	21	9	19	10	1/4	8431 0368 22
EP8PS HR10	M8-M10	3/8	°-65	°-48	8000	1.0	2.2	158	23	9	19	10	1/4	8431 0368 24
EP5XS HR42	M5-M6	1/4 ^b	5-12	4-9	8500	0.8	1.8	165	21	9	19	8	1/4	8431 0372 30
EP6XS HR42	M6	1/4 ^b	9-19	6-14	8000	0.8	1.8	150	22	8	17	8	1/4	8431 0372 23
EP6XS HR10	M6	3/8	10-20	7-15	8000	0.8	1.8	152	22	8	17	8	1/4	8431 0372 20
EP7XS HR42	M8	1/4 ^b	17-28	13-21	9000	0.8	1.8	150	22	8	17	8	1/4	8431 0372 10
EP7XS HR10	M8	3/8	20-31	15-23	9000	0.8	1.8	152	22	8	17	8	1/4	8431 0372 00
EP8XS HRX42	M8	1/4 ^b	22-40	16-29	7000	1.0	2.2	172	23	9	19	10	1/4	8431 0369 16
EP8XS HRX10	M8-M10	3/8	30-52	22-38	7000	1.0	2.2	174	23	9	19	10	1/4	8431 0369 09
EP10XS HR13	M10	1/2	50-70	37-52	6000	1.3	2.9	168	26	11	23	10	1/4	8431 0369 40
EP12XS HR13	M12	1/2	65-110	48-81	4500	1.6	3.5	178	29	12	25	10	1/4	8431 0371 00
EP14XS HR13	M14	1/2	110-160	81-118	3500	2.4	5.3	188	34	14	30	13	3/8	8431 0371 50
EP16XS HR20	M16	3/4	160-240	118-177	2800	3.3	7.3	205	37	15	32	13	3/8	8431 0371 55
EP20XS HR20	M20	3/4	300-400	221-295	3700	5.1	11.2	240	43	16	34	13	3/8	8431 0371 60

^aTo be used as a guide only, final torque depends on type of joint, accessories used and air pressure.

^bFemale hexagon drive. Quick change chuck.

^cTorque is adjusted by regulating the air pressure.

Shut-off tools | ErgoPulse PTX | Straight models

Model	Bolt size mm	Square drive in	Torque range ^a		Free speed r/min	Weight		Length mm	CS distance mm	Air consumption under load		Rec. hose size mm	Air inlet thread in	Ordering No.
			Nm	ft lb		kg	lb			l/s	cfm			
TRIM														
EP3PTX5 SR42	M4-M5	1/4 ^b	2-5	1.6-4	4500 ^e	0.7	1.6	202	21	4	9	8	1/4	8431 0376 01
EP4PTX9 SR10	M5	3/8	4-9	3-7	3400 ^e	0.9	2.0	207	21	4	9	8	1/4	8431 0376 04
EP4PTX9 SR42	M5	1/4 ^b	4-9	3-7	3400 ^e	0.9	2.0	207	21	4	9	8	1/4	8431 0376 00
EP5PTX14 SR42	M6	1/4 ^b	7-14	5-10	5300 ^e	0.9	2.0	207	21	7	15	8	1/4	8431 0376 10
EP5PTX15 SR10	M6	3/8	9-15	7-11	5300 ^e	0.9	2.0	207	21	7	15	8	1/4	8431 0376 14
EP6PTX18 SR42	M6	1/4 ^b	9-18	7-13	6800 ^e	0.9	2.0	207	21	7	15	8	1/4	8431 0376 20
EP6PTX19 SR10	M6	3/8	10-19	7-14	6800 ^e	0.9	2.0	207	21	7	15	8	1/4	8431 0376 24
EP7PTX28 SR42	M6-M8	1/4 ^b	17-28	13-18	4300 ^e	1.2	2.5	235	25	8	17	10	1/4	8431 0376 30
EP7PTX31 SR10	M6-M8	3/8	18-31	13-23	4300 ^e	1.2	2.5	235	25	8	17	10	1/4	8431 0376 34
EP8PTX45 SR10	M8	3/8	24-45	18-33	5500 ^e	1.2	2.5	235	25	9	19	10	1/4	8431 0376 40
EP8PTX38 SR42	M8	1/4 ^b	22-38	16-28	5500 ^e	1.2	2.5	235	25	9	19	10	1/4	8431 0376 44
TRIM-RE														
EP25PTX900 GR25-RE	M24-M27	1	450-900	330-660	4500 ^e	10.3	22.7	406	58.5	30	63	13	1/2	8431 0376 90
AutoTrim, straight models														
EP3PTX5 SR42-AT	M4-M5	1/4 ^b	2-5	1.6-4	4500 ^e	0.8	1.7	262	21	4	9	8	1/4	8431 0376 03
EP4PTX9 SR10-AT	M5	3/8	4-9	3-7	3300 ^e	0.9	2.0	267	21	4	9	8	1/4	8431 0376 06
EP4PTX9 SR42-AT	M5	1/4 ^b	4-9	3-7	3300 ^e	0.9	2.0	267	21	4	9	8	1/4	8431 0376 02
EP5PTX15 SR10-AT	M6	3/8	9-15	7-11	4800 ^e	0.9	2.0	267	21	7	15	8	1/4	8431 0376 16
EP5PTX14 SR42-AT	M6	1/4 ^b	7-14	5-10	4800 ^e	0.9	2.0	267	21	7	15	8	1/4	8431 0376 12
EP6PTX18 SR42-AT	M6	1/4 ^b	9-18	7-13	6700 ^e	0.9	2.0	267	21	7	15	8	1/4	8431 0376 22
EP6PTX19 SR10-AT	M6	3/8	10-19	7-14	6700 ^e	0.9	2.0	267	21	7	15	8	1/4	8431 0376 26
EP7PTX28 SR42-AT	M6-M8	1/4 ^b	17-28	13-18	4300 ^e	1.2	2.5	295	25	7	15	10	1/4	8431 0376 32
EP7PTX31 SR10-AT	M6-M8	3/8	18-31	13-23	4300 ^e	1.2	2.5	295	25	7	15	10	1/4	8431 0376 36
EP8PTX38 SR42-AT	M8	1/4 ^b	22-38	16-28	5900 ^e	1.2	2.5	295	25	9	19	10	1/4	8431 0376 46
EP8PTX45 SR10-AT	M8	3/8	24-45	18-33	5900 ^e	1.2	2.5	295	25	9	19	10	1/4	8431 0376 42
AutoTrim Low pressure models														
EP5PTX SR10-AT-L	M5	3/8	8-13	6-10	4800 ^d	0.9	2.0	267	21	4	9	8	1/4	8431 0368 01
EP5PTX SR42-AT-L	M4-M5	1/4 ^b	7-12	5-9	4800 ^d	0.7	1.6	267	21	4	9	8	1/4	8431 0368 03
EP6PTX SR10-AT-L	M6	3/8	10-17	7-13	6300 ^d	0.9	2.0	267	21	7	15	8	1/4	8431 0368 09
EP6PTX SR42-AT-L	M5	1/4 ^b	9-16	6-12	6300 ^d	0.9	2.0	267	21	4	9	8	1/4	8431 0368 15
EP7PTX SR10-AT-L	M6	3/8	16-22	12-16	4000 ^d	0.9	2.0	295	21	7	15	8	1/4	8431 0368 35
EP7PTX SR42-AT-L	M6	1/4 ^b	15-21	11-15	4000 ^d	0.9	2.0	295	21	7	15	8	1/4	8431 0368 46
EP8PTX SR10-AT-L	M6-M8	3/8	21-32	15-24	5300 ^d	1.2	2.5	295	25	8	17	10	1/4	8431 0367 83

^aTo be used as a guide only, final torque depends on type of joint, accessories used and air pressure.

^bFemale hexagon drive. Quick change chuck.

^cIn full speed mode.

^dMeasured at 5 bar air pressure.

^eWith TRIM valve fully open.

Shut-off tools | ErgoPulse PTX | Pistol grip models

Model	Bolt size mm	Square drive in	Torque range ^a		Free speed r/min	Weight		Length mm	CS distance mm	Air consumption under load		Rec. hose size mm	Air inlet thread in	Ordering No.
			Nm	ft lb		kg	lb			l/s	cfm			
TRIM-RE														
EP3PTX5 HR42-RE	M4-M5	1/4 ^b	2-5	1.6-4	5000 ^c	0.8	1.7	154	21	4	9	8	1/4	8431 0375 51
EP4PTX9 HR10-RE	M5	3/8	4-9	3-7	3400 ^c	0.9	1.9	164	22	4	9	8	1/4	8431 0375 54
EP4PTX9 HR42-RE	M5	1/4 ^b	4-9	3-7	3400 ^c	0.9	1.9	164	22	4	9	8	1/4	8431 0375 50
EP5PTX17 HR42-RE	M6	1/4 ^b	7-17	5-13	7000 ^c	0.9	1.9	164	22	7	15	8	1/4	8431 0375 00
EP5PTX19 HR10-RE	M6	3/8	8-19	6-14	7000 ^c	0.9	1.9	164	22	7	15	8	1/4	8431 0375 04
EP6PTX28 HR42-RE	M6-M8	1/4 ^b	15-28	11-18	8500 ^c	0.9	1.9	164	22	7	15	8	1/4	8431 0375 10
EP6PTX32 HR10-RE	M6-M8	3/8	16-32	12-23	8500 ^c	0.9	1.9	164	22	7	15	8	1/4	8431 0375 20
EP7PTX55 HR10-RE	M8-M10	3/8	30-55	22-40	7200 ^c	1.2	2.5	176	25	9	19	10	1/4	8431 0375 30
EP8PTX70 HR10-RE	M10	3/8	40-70	29-51	6900 ^c	1.2	2.5	176	25	9	19	10	1/4	8431 0375 60
EP9PTX80 HR13-RE	M10	1/2	50-80	37-59	5200 ^c	1.5	3.3	188	29	11	23	10	1/4	8431 0375 40
EP11PTX110 HR13-RE	M12	1/2	70-110	51-81	5100 ^c	1.7	3.8	196	29	12	25	10	1/4	8431 0376 50
EP13PTX150 HR13-RE	M12-M14	1/2	85-150	63-110	5300 ^c	2.3	5.1	197	33.5	15	32	13	3/8	8431 0376 60
EP15PTX250 HR20-RE	M12-M16	3/4	125-250	92-184	4300 ^c	3.1	6.8	216	36.5	21	45	13	3/8	8431 0376 70
EP19PTX450 HR20-RE	M16-M20	3/4	225-450	166-332	3300 ^c	4.2	9.2	221	44	23	49	13	3/8	8431 0376 80
Trim-RE Low pressure models														
EP5PTX HR10-RE-L	M5	3/8	7-15	5-11	5900 ^d	0.9	2.0	164	22	4	9	8	1/4	8431 0379 04
EP5PTX HR42-RE-L	M4-M5	1/4 ^b	6-13	4-10	5900 ^d	0.8	1.8	154	21	4	9	8	1/4	8431 0379 00
EP6PTX HR10-RE-L	M6	3/8	13-25	9-18	7900 ^d	0.9	2.0	164	22	7	15	8	1/4	8431 0379 20
EP6PTX HR42-RE-L	M5	1/4 ^b	11-22	8-16	7900 ^d	0.9	2.0	164	22	4	9	8	1/4	8431 0379 10
EP7PTX HR10-RE-L	M6	3/8	23-35	17-26	6200 ^d	0.9	2.0	164	22	7	15	10	1/4	8431 0379 30
EP8PTX HR10-RE-L	M6-M8	3/8	33-45	24-33	6300 ^d	0.9	2.0	164	22	7	15	10	1/4	8431 0379 60
AutoTrim														
EP3PTX5 HR42-AT	M4-M5	1/4 ^b	2-5	1.6-4	4500 ^c	0.8	1.8	154	21	4	9	8	1/4	8431 0375 53
EP4PTX9 HR10-AT	M5	3/8	4-9	3-7	3300 ^c	0.9	2.0	164	22	4	9	8	1/4	8431 0375 56
EP4PTX9 HR42-AT	M5	1/4 ^b	4-9	3-7	3300 ^c	0.9	2.0	164	22	4	9	8	1/4	8431 0375 52
EP5PTX17 HR42-AT	M6	1/4 ^b	7-17	5-13	5400 ^c	0.9	2.0	164	22	7	15	8	1/4	8431 0375 02
EP5PTX19 HR10-AT	M6	3/8	8-19	6-14	5400 ^c	0.9	2.0	164	22	7	15	8	1/4</	

Shut-off tools | ErgoPulse PTS

Model	Bolt size mm	Square drive in	Torque range ^a		Free speed r/min	Weight		Length mm	CS distance mm	Air consumption under load		Rec. hose size mm	Air inlet thread in	Ordering No.
			Nm	ft lb		kg	lb			l/s	cfm			
TRIM-RE														
EP5PTS12 HR42-RE	M5-M6	1/4 ^b	6-12	4-9	5400 ^c	1.0	2.2	196	21	6.5	14	8	1/4	8431 0374 05
EP5PTS14 HR10-RE	M5-M6	3/8	8-14	6-10	5400 ^c	1.0	2.2	191	21	6.5	14	8	1/4	8431 0374 00
EP6PTS22 HR10-RE	M6	3/8	10-22	7-16	7300 ^c	1.0	2.2	191	21	7	15	8	1/4	8431 0374 20
EP6PTS20 HR42-RE	M6	1/4 ^b	8-20	6-15	7300 ^c	1.0	2.2	196	21	7	15	8	1/4	8431 0374 15
TRIM-RE with balanced grip														
EP7PTS30 HR42-RE	M8	1/4 ^b	16-31	12-23	5700 ^c	1.4	3.0	175	26	8	17	10	1/4	8431 0374 35
EP7PTS35 HR10-RE	M8	3/8	18-35	13-26	5700 ^c	1.4	3.0	176	26	8	17	10	1/4	8431 0374 40
EP8PTS40 HR42-RE	M8	1/4 ^b	22-40	16-29	7300 ^c	1.4	3.0	175	26	9	19	10	1/4	8431 0374 55
EP8PTS55 HR10-RE	M8-M10	3/8	30-55	22-40	7300 ^c	1.4	3.0	176	26	9	19	10	1/4	8431 0374 60
EP10PTS90 HR13-RE	M10-M12	1/2	50-90	37-66	5200 ^c	1.8	4.0	193	29	11	23	10	1/4	8431 0374 80
EP12PTS150 HR13-RE	M12-M14	1/2	85-150	63-110	4200 ^c	2.5	5.5	201	34	13	27	13	3/8	8431 0374 90
EP14PTS250 HR20-RE	M12-M16	3/4	125-250	92-185	4000 ^c	3.3	7.2	216	37	20	42	13	3/8	8431 0374 95
EP18PTS410 HR20-RE	M16-M20	3/4	225-410	166-302	3000 ^c	4.3	9.5	202	42	22	46	13	3/8	8431 0374 98
TRIM-RE with Air on top														
EP7PTS35 HRF10-RE	M8	3/8	18-35	13-26	5700 ^c	1.4	3.0	176	31	8	17	10	1/4	8431 0374 41
EP8PTS55 HRF10-RE	M8-M10	3/8	30-55	22-40	7300 ^c	1.4	3.0	176	31	9	19	10	1/4	8431 0374 61
EP10PTS90 HRF13-RE	M10-M12	1/2	50-90	37-66	5200 ^c	1.8	4.0	193	34	11	23	10	1/4	8431 0374 81
AutoTrim														
EP6PTS20 HR42-AT	M6	1/4 ^b	8-20	6-15	6300 ^d	1.0	2.2	196	21	7	15	8	1/4	8431 0374 16
EP6PTS22 HR10-AT	M6	3/8	10-22	7-16	6300 ^d	1.0	2.2	191	21	7	15	8	1/4	8431 0374 21
AutoTrim with balanced grip														
EP7PTS30 HR42-AT	M8	1/4 ^b	16-31	12-23	5400 ^d	1.4	3.0	175	26	8	17	10	1/4	8431 0374 37
EP7PTS35 HR10-AT	M8	3/8	18-35	13-26	5400 ^d	1.4	3.0	176	26	8	17	10	1/4	8431 0374 42
EP8PTS40 HR42-AT	M8	1/4 ^b	22-40	16-29	6900 ^d	1.4	3.0	175	26	9	19	10	1/4	8431 0374 57
EP8PTS55 HR10-AT	M8-10	3/8	30-55	22-40	6900 ^d	1.4	3.0	176	26	9	19	10	1/4	8431 0374 62
EP10PTS90 HR13-AT	M10-12	1/2	50-90	37-66	4900 ^d	1.8	4.0	193	29	11	23	10	1/4	8431 0374 82
EP12PTS150 HR13-AT	M12-14	1/2	85-150	63-110	4100 ^d	2.5	5.5	201	34	13	27	13	3/8	8431 0374 92
EP14PTS250 HR20-AT	M12-16	3/4	125-250	92-185	3900 ^d	3.3	7.2	216	37	20	42	13	3/8	8431 0374 97
EP18PTS410 HR20-AT	M16-20	3/4	225-410	166-332	2900 ^d	4.3	9.5	202	42	22	46	13	3/8	8431 0374 99

^aTo be used as a guide only, final torque depends on type of joint, accessories used and air pressure. ^bFemale hexagon drive. Quick change chuck. ^cIn full speed mode. ^dWith TRIM valve fully open.

Monitoring tools | ErgoPulse Pulsor C

Model	Bolt size mm	Square drive in	Torque range		Free speed r/min	Weight		Length mm	CS distance mm	Air consumption under load		Rec. hose size mm	Air inlet thread in	Ordering No.
			Nm	ft lb		kg	lb			l/s	cfm			
Tools with ball retainer														
EPP6 C40 HR-B10	M6-M8	3/8	20-40	15-30	9000	1.3	2.8	164	23	7	15	10	1/4	8431 0380 53
EPP8 C55 HR-B10	M8-M10	3/8	30-55	22-40	7000	1.5	3.4	172	26	8	17	10	1/4	8431 0380 59
EPP10 C90 HR-B13	M10	1/2	45-90	33-66	5500	2	4.5	184	30	11	23	10	1/4	8431 0380 64
EPP11 C110 HR-B13	M12	1/2	55-110	40-80	5100	2.1	4.6	192	30	12	25	13	1/4	8431 0380 68
Tools with pin retainer														
EPP6 C40 HR10	M6-M8	3/8	20-40	15-30	9000	1.3	2.8	164	23	7	15	10	1/4	8431 0380 46
EPP8 C55 HR10	M8-M10	3/8	30-55	22-40	7000	1.5	3.4	172	26	8	17	10	1/4	8431 0380 57
EPP10 C90 HR13	M10	1/2	45-90	33-66	5500	2	4.5	184	30	11	23	10	1/4	8431 0380 62
EPP11 C110 HR13	M12	1/2	55-110	40-80	5100	2.1	4.6	192	30	12	25	13	1/4	8431 0380 66
EPP13 C150 HR13	M12-M14	1/2	75-150	55-110	5300	2.6	5.7	193	33.5	15	32	13	3/8	8431 0380 71
Tools with through hole in square drive														
EPP15 C250 HR20	M12-M16	3/4	125-250	92-184	4300	3.3	7.3	211	37	21	44	13	3/8	8431 0380 77
EPP19 C400 HR20	M16-M20	3/4	200-400	148-295	3300	4.5	9.9	217	44	23	49	13	3/8	8431 0380 82

^aFor more information about Pulsor C, see leaflet "Atlas Copco Pulsor C", 9833 1944 01

Accessories | ErgoPulse

GUIDED EXTENSIONS

Available for	Square drive in	Dia. of outgoing spindle mm	Length mm	Marking	Ordering No.
6-8XS, 5-8PT/PTS/PTX	3/8	13	75	10-13-75	4023 3600 02
	3/8	13	100	10-13-100	4023 3600 01
	3/8	13	150	10-13-150	4023 3601 01
	3/8	13	200	10-13-200	4023 3611 01
	3/8	13	250	10-13-250	4023 3612 01
10C, 10-12XS	3/8	13	300	10-13-300	4023 3613 01
	1/2	16	75	13-16-75	4023 3602 02
	1/2	16	100	13-16-100	4023 3602 01
	1/2	16	150	13-16-150	4023 3603 01
	1/2	16	200	13-16-200	4023 3604 01
	1/2	16	250	13-16-250	4023 3614 01
	1/2	16	300	13-16-300	4023 3615 01
14XS, 9-13PTX, 10-12PT/PTS	1/2	18	75	13-18-75	4023 3605 02
	1/2	18	100	13-18-100	4023 3605 01
	1/2	18	150	13-18-150	4023 3606 01
	1/2	18	200	13-18-200	4023 3607 01
	1/2	18	250	13-18-250	4023 3616 01
	1/2	18	300	13-18-300	4023 3617 01
	3/4	25	100	20-25-100	4023 3608 01
16XS/20XS, 14PTS/18PTS, 15PTX/19PTX	3/4	25	150	20-25-150	4023 3609 01
	3/4	25	200	20-25-200	4023 3610 01
	3/4	25	250	20-25-250	4023 3618 01
	3/4	25	300	20-25-300	4023 3619 01
	3/4	25	300	20-25-300	4023 3619 01



Guided extensions

GUIDED SOCKETS

Available for	Square in	Width across mm/in	Diameter of outgoing mm	Marking	Ordering No.
Metric sockets					
6-8XS, 5-8PT/PTS/PTX	3/8	10	13	10-13	4026 4210 00
	3/8	13	13	13-13	4026 4213 00
	3/8	16	13	16-13	4026 4216 00
	3/8	17	13	17-13	4026 4217 00
	3/8	18	13	18-13	4026 4218 00
14XS, 9-13PTX, 10-12PT/PTS	3/8	19	13	19-13	4026 4219 00
	1/2	13	18	13-18	4026 4313 00
	1/2	16	18	16-18	4026 4316 00
	1/2	17	18	17-18	4026 4317 00
	1/2	18	18	18-18	4026 4318 00
	1/2	19	18	19-18	4026 4319 00
	1/2	24	18	24-18	4026 4324 00
16XS/20XS, 14PTS/18PTS, 15PTX/19PTX	3/4	18	25	18-25	4026 4418 00
	3/4	24	25	24-25	4026 4424 00
	3/4	30	25	30-25	4026 4430 00
UNC/UNF-sockets					
6-8XS, 5-8PT/PTS/PTX	3/8	1/2	13	1/2-13	4026 4212 00
	3/8	9/16	13	9/16-13	4026 4214 00
	3/8	3/4	13	3/4-13	4026 4219 00
14XS, 9-13PTX, 10-12PT/PTS	1/2	1/2	18	1/2-18	4026 4312 00
	1/2	9/16	18	9/16-18	4026 4314 00
	1/2	3/4	18	3/4-18	4026 4319 00
	1/2	15/16	18	15/16-18	4026 4323 00
16XS/20XS, 14PTS/18PTS, 15PTX/19PTX	3/4	3/4	25	3/4-25	4026 4419 00
	3/4	15/16	25	15/16-25	4026 4423 00
	3/4	11/8	25	11/8-25	4026 4429 00



Guided sockets

GUIDED QUICK CHANGE CHUCK FOR POWER TOOLS

Available for	Square drive in	Female hex in	Dia. of outgoing spindle mm	Marking	Ordering No.
6-8XS, 5-8PTS/PTX	3/8	1/4	13	3/8-1/4-13	4026 4501 00
	3/8	7/16	13	3/8-7/16-13	4026 4502 00
14XS, 9-13PTX, 10-12PTS	1/2	7/16	18	1/2-7/16-18	4026 4503 00



Guided quick change chuck for power tools

PROTECTIVE COVER AND SUPPORT HANDLE

Pistol grip models	Protective cover	Support handle
EP6/7XS HR	4250 2089 00	
EP8XS HRX	4250 1895 00	
EP10XS HR	4250 1784 00	
EP12XS HR	4250 2459 00	
EP14XS HR	4250 2160 00	
EP16XS HR	4250 2282 00	4250 2396 91
EP20XS HR	4250 2288 00	Included
EP4/5/6PTX HR	4250 2465 00	
EP7/8PTX HR	4250 2466 00	
EP9PTX HR	4250 2467 00	
EP11PTX HR	4250 2551 00	
EP13PTX HR	4250 2718 00	4250 2396 81
EP15PTX HR	4250 2674 00	4250 2396 83
EP19PTX HR	4250 2719 00	4250 2396 82
EP5/6PTS HR	4250 2393 00	
EP7/8PTS HR	4250 1784 00	
EP10PTS HR	4250 1743 00	
EP12PTS HR	4250 1858 00	
EP14PTS HR	4250 2228 00	4250 2396 91
EP18PTS HR	4250 2319 00	

RE-REPORTING KIT

	Ordering No.
RE-reporting kit for ErgoPulse PTS/PTX models with AutoTrim or Trim-RE valve	4250 1854 91



Service Kits

The spare parts included in the service kits cover a normal overhaul of your tool. Always have them available for a fast and economical repair.

Main parts included:

- Vane kit
- Motor bearings
- Gaskets
- O-rings
- Circlips
- Pins etc.

Model	Pulse unit kit	Service kit	Model	Pulse unit kit	Service kit
EP5XS	4210 2532 93	4081 0264 90	EP7PTX HR	4250 2267 96	4081 0410 90
EP6/7XS HR	4250 2084 90	4081 0188 90	EP8PTX HR	4250 2267 91	4081 0279 90
EP6/7XS SR	4250 2084 90	4081 0189 90	EP9PTX HR	4250 2058 90	4081 0411 90
EP6PS HR	4250 2058 91	4081 0274 90	EP11PTX HR	4250 2267 95	4081 0310 90
EP8PS HR	4250 2059 90	4081 0120 90	EP13PTX HR	4250 2267 92	4081 0226 90
EP8XS HR	4250 2085 90	4081 0119 90	EP15PTX HR	4250 2267 93	4081 0242 90
EP8XS SR	4250 2085 90	4081 0190 90	EP19PTX HR	4250 2267 94	4081 0256 90
EP10XS HR	4250 2086 90	4081 0191 90	EP25PTX GR	4250 2267 97	4081 0427 90
EP12XS HR	4250 2087 90	4081 0192 90	EP5/6PTS HR	4250 2058 90	4081 0413 90
EP14XS HR	4250 2170 90	4081 0200 90	EP7/8PTS HR	4250 2267 91	4081 0225 90
EP16XS HR	4250 2281 90	4081 0223 90	EP10PTS HR	4250 2267 90	4081 0222 90
EP20XS HR	4250 2281 91	4081 0245 90	EP12PTS HR	4250 2267 92	4081 0226 90
EP4PTX HR	4250 2058 96	4081 0122 90	EP14PTS HR	4250 2267 93	4081 0242 90
EP5/6PTX HR	4250 2058 90	4081 0122 90	EP18PTS HR	4250 2267 94	4081 0256 90

Oil filling kit (50 ml oil, syringe) 4081 0121 90

For complete information, see spare parts list.

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towards the environment and the people around us.
We make performance stand a test of time.
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