QMX nutrunners and PowerMACS

Matched for total functionality

Atlas Copco

POWER MACS

Power MACS / QMX

Where requirements for functionality, durability and flexibility are the highest, Power MACS and the QMX nutrunners provide the solution for you.

Power MACS is the controller/servo controlling the QMX nutrunners. These products are typically used for fixtured installations – automated, semi-automated or manually operated.

The Power MACS controller can be built into a cabinet or used as a Stand Alone. The Stand Alone concept is a unique way of installing these advanced systems in a very simple manner, true plug & play. Advanced products do not have to mean complex handling any more.

The QMX nutrunners are extremely robust and durable, standing up to the toughest environments. At the same time they are small and fast, allowing ergonomically built multiples. Don't let your ergonomics requirements slip just because you are using a multiple.

- **Nutrunner sequencing** – This allows nutrunners to be sequenced at each phase of the tightening process allowing even distribution of torque to each fastener.
- **Even torque distribution** – Where there is uneven torque distribution, part damage or distortion could occur with possible fastener failure or loss of residual torque.
- **Snug, threshold, final torque in one pass** – No need for multiple torque stage sequencing as with a single nutrunner tool. Fixtured nutrunners save time and effort from start to finish.
- **No missed fasteners** – With multiple nutrunners there is a spindle dedicated to each location, ensuring quality on every rundown on every bolt.
- **Better residual torques** – Synchronized controlled fastening allows residual torque levels to be more consistent with the dynamic torque specification.
- **Saving in cycle time** – Compared with using a single nutrunner tool with many rundowns, running all fasteners simultaneously reduces in-station cycle time.
- **Cost saving benefits** – Saving instation cycle time frees up operators to handle additional value adding tasks and at the same time eliminating bottle necks.

POWER MACS

Power MACS
Already ex-stock as a standard component, Power MACS is ready to take on the most demanding jobs. You do not have to add external devices to get going. Power it up, program it and you are ready to go.

PowerMACS is built to communicate. Connect the system to your network via the built-in Ethernet port or connect it to your fieldbus network (option) to communicate production data.

There is even a PLC on board, allowing you to program any logic sequence you like. The PLC is standard, included when you order a Power MACS.

Production up-time is ensured by flash PROM memory and RAM back-up memory. We know the value for you of keeping production going and did not compromise on reliability when we designed this system.

- **Plenty of memory** for handling cycle data, statistics, SPC, cycle traces, station events, etc.
- **Peripheral support** for barcode readers, printers and special communication protocols.
- **API-Server** (Application Program Interface) software component using TCP/IP.
- **Fieldbus flexibility** to handle data and I/O communications.
- **On board operating system** with real time configurable PLC to handle all in-station functions.
- **True nutrunner synchronization** achieved using high speed internal Ethernet communications.
- **Installation flexibility** with external and panel mounted controllers.
- **Inertia braking capabilities** to absorb the inertia during a high speed run-down on hard joints.

Power MACS – Tightening controllers

Model	Type	Ordering No.	Model	Type	Ordering No.
Stand Alone TCs 570 V/20 A (IP54) for QMX42 – QMX62			**Panel TCs (IP20) 570 V/20 A for QMX42 – QMX62**		
TC52 S-N	Stand Alone – No FieldBus	4240 0440 81	TC52 P-N	Panel – No FieldBus	4240 0410 81
TC52 S-P	Stand Alone – ProfiBus	4240 0441 81	TC52 P-P	Panel – ProfiBus	4240 0411 81
TC52 S-I	Stand Alone – InterBus	4240 0442 81	TC52 P-I	Panel – InterBus	4240 0412 81
TC52 S-D	Stand Alone – DeviceNet	4240 0443 81	TC52 P-D	Panel – DeviceNet	4240 0413 81
TC52 S-M	Stand Alone – ModBus Plus	4240 0444 81	TC52 P-M	Panel – ModBus Plus	4240 0414 81
TC52 S-I2	StandAlone InterBus 2Mbit	4240 0641 81	TC52 P-12	Panel InterBus 2Mbit	4240 0611 81
TC52 S-C	StandAlone ControlNet	4240 0643 81	TC52 P-C	Panel ControlNet	4240 0613 81
TC52 S-MTCP	StandAlone ModBus TCP	4240 0645 81	TC52 P-MTCP	Panel ModBus TCP	4240 0615 81
TC52 S-EIP	StandAlone Ethernet IP	4240 0646 81	TC52 P-EIP	Panel Ethernet IP	4240 0616 81
TC52 S-CC	StandAlone CC Link	4240 0647 81	TC52 P-CC	Panel CC Link	4240 0617 81
Stand Alone TCs 570 V/40 A (IP54) for QMX80 – QMX90			**Panel TCs (IP20) 570 V/40 A for QMX80 – QMX90**		
TC54 S-N	Stand Alone – No FieldBus	4240 0450 81	TC54 P-N	Panel – No FieldBus	4240 0430 81
TC54 S-P	Stand Alone – ProfiBus	4240 0451 81	TC54 P-P	Panel – ProfiBus	4240 0431 81
TC54 S-I	Stand Alone – InterBus	4240 0452 81	TC54 P-I	Panel – InterBus	4240 0432 81
TC54 S-D	Stand Alone – DeviceNet	4240 0453 81	TC54 P-D	Panel – DeviceNet	4240 0433 81
TC54 S-M	Stand Alone – ModBus Plus	4240 0454 81	TC54 P-M	Panel – ModBus Plus	4240 0434 81
TC54 S-I2	StandAlone InterBus 2Mbit	4240 0651 81	TC54 P-I2	Panel InterBus 2Mbit	4240 0631 81
TC54 S-C	StandAlone ControlNet	4240 0653 81	TC54 P-C	Panel ControlNet	4240 0633 81
TC54 S-MTCP	StandAlone ModBus TCP	4240 0655 81	TC54 P-MTCP	Panel ModBus TCP	4240 0635 81
TC54 S-EIP	StandAlone Ethernet IP	4240 0656 81	TC54 P-EIP	Panel Ethernet IP	4240 0636 81
TC54 S-CC	StandAlone CC Link	4240 0657 81	TC54 P-CC	Panel CC Link	4240 0637 81

POWER MACS
Power distribution and software

Power Box Unit – PBU

Power Box Units are used for power distribution. Standard hardware such as Ethernet switches, E-Stop circuitry, 24 VDC power supply and power contactors are all configured into the PBU.

- 400 VAC 3 phase and 24 VDC/5A or 24 VDC/10A power distribution to each controller.
- Central Ethernet switch for internal and external TC communication.
- From 1 to 10 nutrunners depending on PBU, and sizes from 400 mm wide.
- All PBUs match TC52 and TC54.

Stand Alone cable between TC – PBU

Length	Ordering No.
2 m	4231 5063 02
5 m	4231 5063 05
10 m	4231 5063 10

Power Box Unit – PBU

Model	Size HxDxW mm	DC supply	Ordering No.
Stand Alone PBU 1 Ch	300x155x400	24 V / 5 A	4240 0503 00
Stand Alone PBU 2 Ch	300x155x400	24 V / 5 A	4240 0504 00
Stand Alone PBU 5 Ch	300x155x600	24 V / 5 A	4240 0701 00
Stand Alone PBU 3+3 Ch	300x155x600	24 V / 5 A	4240 0700 00
Stand Alone PBU 10 Ch	300x155x800	24 V / 10 A	4240 0702 00

Software

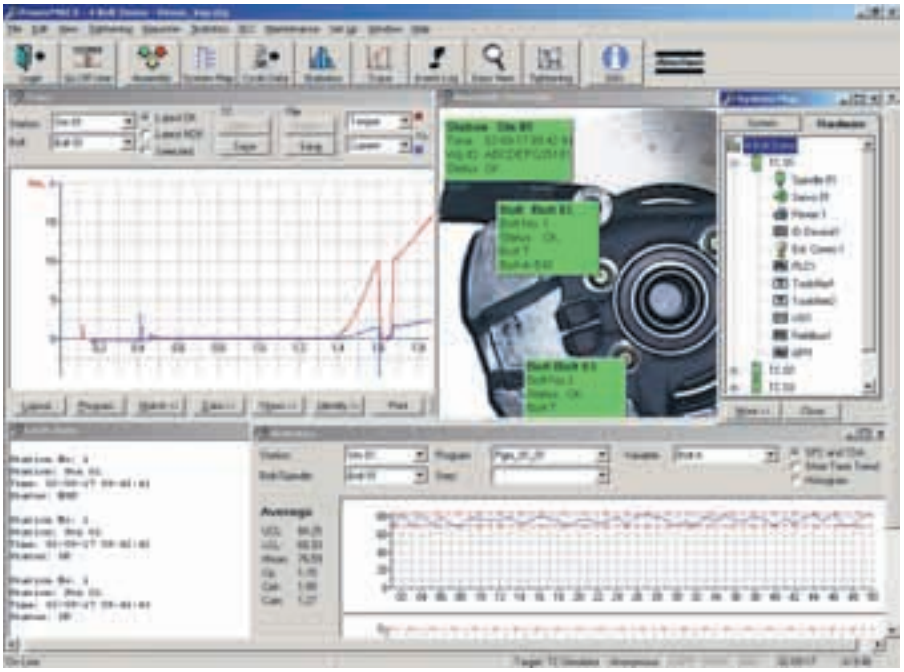
WinTC for Power MACS

WinTC is the user friendly interface that allows users to program, view or configure station functionality. It is a Windows-based program that can be installed on the station PC, on a back office PC connected via Ethernet or on a portable laptop.

The software offers full reporting of tightening results as well as read-at-a-glance graphics of actual customer parts.

Each user can be assigned a specific user name and password with an access level associated with read and write capabilities. It also includes set-up wizards, product training tutorials and tightening templates that guide you through programming tightening sequences.

- User friendly Windows programming interface.
- 10 levels of read and write security.
- Read-at-a-glance graphics with actual picture of customer part.
- Graphical system map of hardware and software.
- Configurable cycle data menu for station reporting of torque data.
- Real time SPC and TDA reporting of any parameter.
- Trace reporting on torque vs. angle, current and time.
- Event logging of security access, parameter changes, errors, faults, alarms and warnings.



WinTC		Ordering No.
World Release 03	Single-user license	8092 1162 01
	Five-user license	8092 1162 05
	Ten-user license	8092 1162 10
World Release 05	Single-user license	8092 1306 01
	Five-user license	8092 1306 05
	Ten-user license	8092 1306 10

- Create tightening programs ranging from the very simple to as complex as the application requires.
- Maintenance menus to verify hardware and software changes without machine intervention.
- Built-in user manual for quick access.

POWER MACS
QMX nutrunners and cables

QMX nutrunners

QMX is designed to last in demanding environments.

The electric motor in the QMX nutrunners is a proprietary Atlas Copco brushless DC motor. It is highly efficient, allowing for it to put out high power at a high cycle rate without overheating. The design uses resolver technology and analogue communication between spindle and controller. All of this together allows QMX to be certified to the highest levels of both accuracy and durability.

Our range includes standard tools in several different configurations of which a sample appears in the catalogue. Should you require more information, please contact your local Atlas Copco representative.

- Standard torque range from 6-950 Nm. Up to 4000 Nm on request.
- MTBF better than 5 million cycles, under normal conditions.
- Adjustable single cable connector design for cable management flexibility.
- ISO certified to +/- 2.5% accuracy and 1 million duty cycles on hard and soft joints.
- Excellent nutrunner C-C distances.
- Low moment of rotor inertia, designed for high dynamic applications.
- Co-axial nutrunner design to handle dual nutrunner functionality on special applications.
- Different socket holder lengths (0-200 mm), permit access to applications or parts with tight clearances.
- Spring travel can be increased from the standard 50 mm to 76 or 100mm, to simplify fastening of longer bolts.

QMX cables

Cable integrity is the most crucial component of any system. QMX cables are designed with a robust extruded connector and a super-flex jacket for increased durability.

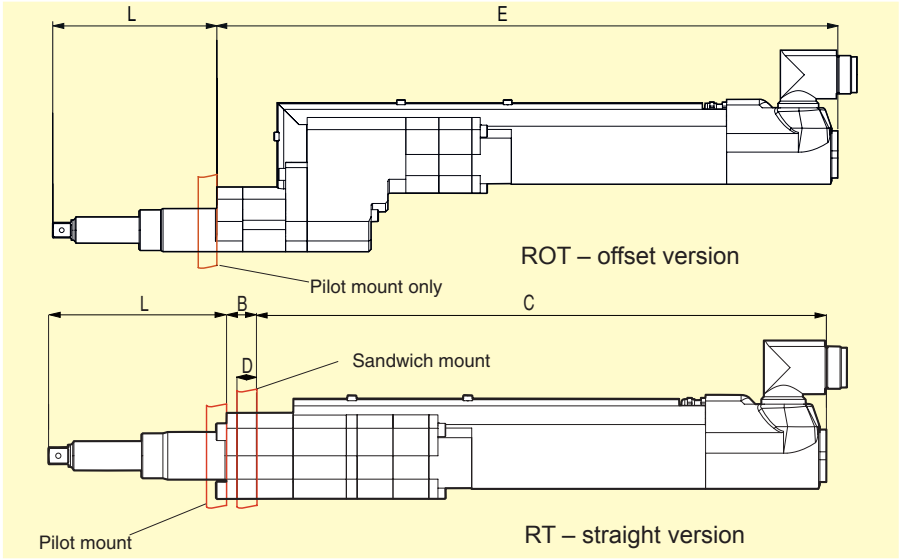
- Reduced spare parts due to a single cable design.
- 3-in-1 Power, Resolver, and Transducer connections built into one cable design.
- Super-flex cables provide increased life.
- Cable lengths in combinations up to 35 meters.

QRTT

Tranducers used for both QMX nutrunners and fixtured Tensor tool calibration. This transducer enables fast and easy set-up with highest system accuracy. By using the QRTT, no special test adapter between the nutrunner and the product itself is now needed (for further information see page 165).

Standard nutrunner

Atlas Copco standard DC electric brushless resolver nutrunners. These state-of-the-art nutrunners are used for a wide variety of fastening tasks.

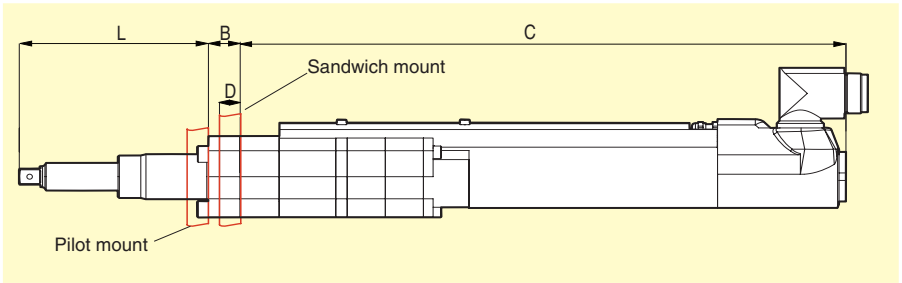


Model	Travel mm	Torque range Nm	Torque range ft lb	Speed r/min	Min C-C	Weight kg	Weight lb	Gear ratio	Socket holder size in	Ordering No.	Socket holder[a] Ordering No.	L mm	B mm	C mm	D mm	E mm
QMX42-2RT	50	6- 20	4- 14	1200	43	3.2	7.1	7.5	3/8	8432 5120 10	4230 1818 00	134	23	386	15	-
QMX42-2ROT	50	6- 18	4- 13	1200	31	4.3	9.5	7.5	3/8	8432 5120 20	4230 1818 00	134.5	-	-	-	436
QMX42-5RT	50	10- 50	7- 35	560	43	3.5	7.7	21.3	1/2	8432 5130 10	4230 1819 00	134	23	412	15	-
QMX42-5ROT	50	10- 50	7- 35	560	31	4.6	10.1	21.3	3/8	8432 5130 24	4230 1818 00	134.5	-	-	-	463
QMX42-5ROT	50	10- 50	7- 35	560	31	4.6	10.1	21.3	1/2	8432 5130 20	4230 1819 00	134.5	-	-	-	463
QMX50-9RT	50	20- 90	15- 65	560	51	5.9	13.0	18.2	1/2	8432 5140 10	4230 1820 00	137	23	462	15	-
QMX50-9ROT	50	20- 85	15- 60	560	37	8.1	17.9	18.2	1/2	8432 5140 20	4230 1820 00	137	-	-	-	519
QMX50-15RT	50	30- 150	22- 110	330	51	5.8	12.8	31.3	5/8	8432 4046 28	4230 1640 00	137	23	462	15	-
QMX50-15RT	50	30- 150	22- 110	330	51	5.8	12.8	31.3	1/2	8432 5150 10	4230 1820 00	137	23	462	15	-
QMX50-15ROT	50	30- 145	22- 105	330	37	8.0	17.6	31.3	1/2	8432 5150 20	4230 1820 00	137	-	-	-	519
QMX62-19RT	50	40- 190	30- 140	330	63	9.5	21.0	19.4	5/8	8432 5160 10	4230 1821 00	152	25	525.5	15	-
QMX62-19RT	50	40- 190	30- 140	330	63	9.5	21.0	19.4	1/2	8432 5165 10	4230 1829 00	152	25	525.5	15	-
QMX62-19ROT	50	40- 180	30- 130	330	45	12.9	28.4	19.4	5/8	8432 5160 20	4230 1821 00	152.5	-	-	-	570
QMX62-32RT	50	70- 320	50- 235	200	63	10.2	22.5	32.1	3/4	8432 5170 10	4230 1822 00	152	25	527	15	-
QMX62-32ROT	50	70- 290	50- 210	200	45	13.5	29.8	32.1	3/4	8432 5170 20	4230 1822 00	152.5	-	-	-	570
QMX80-58RT	50	120- 580	90- 425	200	81	20.0	44.1	29.6	3/4	8432 5180 10	4230 1971 00	146	30	610	20	-
QMX80-58ROT	50	120- 550	90- 405	200	55	21.0	46.3	29.6	3/4	8432 5180 20	4230 1971 00	146	-	-	-	672
QMX90-95RT	50	200- 950	150- 700	130	91	22.0	48.5	46.8	1	8432 5190 10	4230 1824 00	152	32	621	20	-
QMX90-95ROT	50	200- 900	150- 660	130	63	30.0	66.1	46.8	1	8432 5190 20	4230 1824 00	152.5	-	-	-	700

[a] The socket holder is included in the product.

Extended spring travel 76 mm and 100 mm

Atlas Copco special DC electric brushless resolver nutrunner with extended spring travel for longer bolt lengths.



Model	Travel mm	Torque range Nm	Torque range ft lb	Speed r/min	Min C-C	Weight kg	Weight lb	Gear ratio	Socket holder size in	Ordering No.	Socket holder[a] Ordering No.	L mm	B mm	C mm	D mm
QMX42-2RT	76	6- 20	4- 14	1200	43	3.2	7.1	7.5	3/8	8432 5120 11	4230 2114 00	190	23	386	15
QMX42-5RT	76	10- 50	7- 35	560	43	3.7	8.2	21.3	1/2	8432 5130 11	4230 2120 00	190	23	412	15
QMX50-9RT	76	20- 90	15- 65	560	51	6.5	14.3	18.2	1/2	8432 5140 11	4230 2127 00	200	23	464	15
QMX50-15RT	76	30- 150	22- 110	330	51	7.0	15.4	31.3	1/2	8432 5150 11	4230 2127 00	201	25	462	15
QMX62-19RT	76	40- 190	30- 140	330	63	9.8	21.6	19.4	5/8	8432 5160 11	4230 2136 00	200	25	526	15
QMX62-19RT	76	40- 190	30- 140	330	63	9.8	21.6	19.4	1/2	8432 5165 11	4230 2189 00	200	25	526	15
QMX62-32RT	76	70- 320	50- 235	200	63	10.5	23.1	32.1	3/4	8432 5170 11	4230 2137 00	200	25	527	15
QMX80-58RT	76	120- 580	90- 425	200	81	21.0	46.3	29.6	3/4	9831 4048 04	4231 2664 00	214	43	623	20
QMX90-95RT	76	200- 950	150- 700	130	91	23.0	50.7	46.8	1	9831 4058 18	4231 1106 00	176	32	670	20
QMX42-5RT	100	10- 50	7- 35	560	43	8.0	17.6	21.3	3/8	9831 4045 53	4231 2055 00	191	23	510	15
QMX50-15RT	100	30- 150	22- 110	560	51	11.0	24.3	31.3	1/2	9831 4067 15	4231 3189 00	186	23	565	15

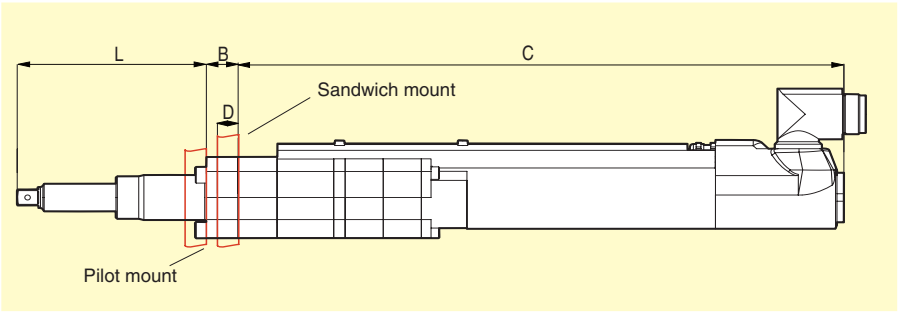
[a] The socket holder is included in the product.

Dual transducers, RTT

Atlas Copco special DC electric brushless resolver nutrunners with dual torque transducer feedback. This allows for transducer redundancy, enabling verification that readings are within certain tolerances.

Dual transducers and angle feedback, RATT

Atlas Copco special DC electric brushless resolver nutrunners with dual angle and torque transducer feedback. This allows for angle and torque verification to double-check system accuracy.

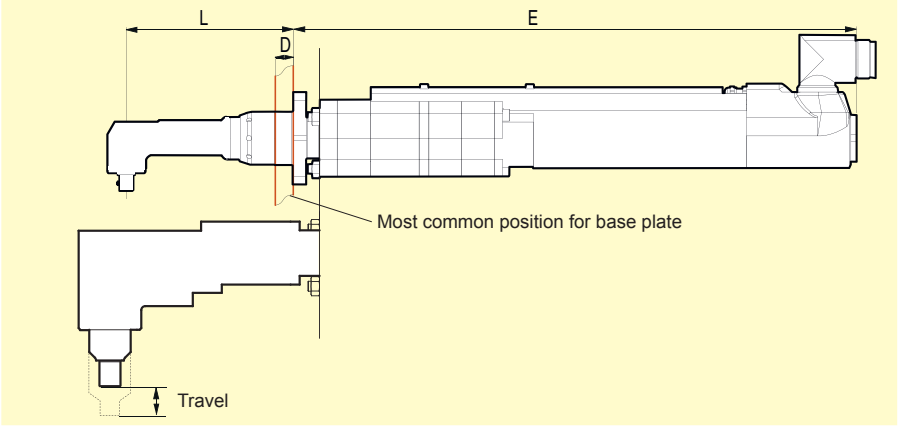


Model	Travel mm	Torque range Nm	Torque range ft lb	Speed r/min	Min C-C	Weight kg	Weight lb	Gear ratio	Socket holder size in	Ordering No.	Socket holder[a] Ordering No.	L mm	B mm	C mm	D mm
RTT															
QMX42-2RTT	50	6 - 20	4 - 14	1200	43	3.2	7.1	7.5	3/8	8432 5120 50	4230 1818 00	134	23	386	15
QMX42-5RTT	50	10 - 50	7 - 35	560	43	3.5	7.7	21.3	1/2	8432 5130 50	4230 1819 00	134	23	412	15
QMX50-9RTT	50	20 - 90	15 - 65	560	51	5.9	13.0	18.2	1/2	8432 5140 50	4230 1820 00	137	23	462	15
QMX50-15RTT	50	30 - 150	22 - 110	330	51	5.9	13.0	31.3	1/2	8432 5150 50	4230 1820 00	137	23	462	15
QMX62-19RTT	50	40 - 190	30 - 140	330	63	9.5	21.0	19.4	5/8	8432 5160 50	4230 1821 00	152	25	526	15
QMX62-32RTT	50	70 - 320	50 - 235	200	63	10.2	22.5	32.1	3/4	8432 5170 50	4230 1822 00	152	25	527	15
QMX80-58RTT	50	120 - 580	90 - 425	200	81	20.0	44.1	29.6	3/4	9831 4048 17	4230 1971 00	146	30	610	20
QMX90-95RTT	50	200 - 950	150 - 700	130	91	22.0	48.5	46.8	1	9831 4058 34	4230 1824 00	152	32	621	20
RATT															
QMX42-2RATT	50	6 - 20	4 - 14	1200	43	3.7	8.2	7.5	3/8	8432 5120 70	4230 1818 00	134	23	386	15
QMX42-5RATT	50	10 - 50	7 - 35	560	43	3.9	8.6	21.3	1/2	8432 5130 70	4230 1819 00	134	23	412	15
QMX50-9RATT	50	20 - 90	15 - 65	560	51	6.0	13.2	18.2	1/2	8432 5140 70	4230 1820 00	137	23	462	15
QMX50-15RATT	50	30 - 150	22 - 110	330	51	6.0	13.2	31.3	1/2	8432 5150 70	4230 1820 00	137	23	462	15
QMX62-19RATT	50	40 - 190	30 - 140	330	63	10.0	22.0	19.4	5/8	8432 5160 70	4230 1821 00	152	25	526	15
QMX62-19RATT	50	40 - 190	30 - 140	330	63	10.0	22.0	19.4	1/2	8432 5165 70	4230 1829 00	152	25	526	15
QMX62-32RATT	50	70 - 320	50 - 235	200	63	10.8	23.8	32.1	3/4	8432 5170 70	4230 1822 00	152	25	527	15
QMX80-58RATT	50	120 - 580	90 - 425	200	81	21.0	46.3	29.6	3/4	9831 4048 18	4230 1971 00	146	30	610	20
QMX90-95RATT	50	200 - 950	150 - 700	130	91	22.5	49.6	46.8	1	9831 4058 35	4230 1824 00	152	32	621	20

[a] The socket holder is included in the product.

Angle head tools

Atlas Copco special DC electric brushless resolver nutrunners with a right angle head. These simplify access to hard-to-reach applications, enabling nutrunners to be positioned in any way.



Model	Travel mm	Torque range Nm	Torque range ft lb	Speed r/min	Min C-C	Weight kg	Weight lb	Gear ratio	Socket holder size in	Ordering No.	Socket holder[a] Ordering No.	L mm	B mm	C mm	D mm	E mm
QMX42-7RTV	-	15 - 70	11 - 50	360	(40)	3.7	8.2	36.1	1/2	9831 4045 46	-					
QMX42-7RTV	50	15 - 70	11 - 50	360	(38)	5.3	11.7	36.1	1/2	9831 4045 32	4231 2797 00	-	-	-	-	-
QMX42-7RTV	25	15 - 70	11 - 50	360	(38)	5.1	11.2	36.1	1/2	9831 4045 64	4231 3207 00	-	-	-	-	-
QMX42-3RTV	-	6 - 30	4 - 22	1000	(36)	3.5	7.7	11.7	3/8	9831 4045 95	-	-	-	-	-	-
QMX50-14RTV	-	30 - 140	22 - 100	320	(51)	6.2	13.7	33.9	1/2	9831 4046 84	-	141	-	-	15	476
QMX50-20RTV	-	40 - 160	30 - 115	190	(51)	6.1	13.4	58.0	1/2	9831 4046 78	-	141	-	-	15	476
QMX62-33RTV	-	70 - 330	50 - 250	175	67	13.5	29.8	36.0	3/4	9831 4047 46	-	153	-	-	14	548.5
QMX62-35RTV	24	70 - 350	50 - 250	110	63	14.5	32.0	36.0	3/4	9831 4047 31	4231 2416 00	-	-	-	-	-
QMX62-60RTV	-	120 - 600	90 - 440	60	106	21.0	46.3	105.0	1	9831 4047 21	-	-	-	-	-	-
QMX62-60RATTV	50	120 - 600	90 - 440	60	106	23.0	50.7	105.0	1	9831 4047 50	4231 3018 00	-	-	-	-	-

[a] The socket holder is included in the product.

POWER MACS
QMX nutrunners and cables

Angle nutrunner

Atlas Copco special DC electric brushless resolver nutrunners with a right angle head and spring travel. The right angle allows these tools to be positioned in hard-to-reach locations without placing undue strain on them.

Model	Travel mm	Torque range Nm	Torque range ft lb	Speed r/min	Min C-C	Weight kg	Weight lb	Gear ratio	Socket holder size in	Ordering No.	Socket holder[a] Ordering No.
QMX42-5RVT	76	10 - 50	7 - 35	560	43	5.0	11.0	21.3	3/4	9831 4045 56	4231 2473 00
QMX50-15RVT	50	30 - 145	22 - 105	300	55	9.4	20.7	31.3	1/2	9831 4046 85	4230 1819 00
QMX62-28RVT	50	50 - 280	35 - 205	190	82	16.4	36.2	32.1	3/4	9831 4047 36	4230 1822 00
QMX90-95RVT	50	200 - 950	150 - 700	130	108	30.0	66.1	46.8	3/4	9831 4058 17	4230 1824 00

[a] The socket holder is included in the product.

U-nutrunner

Atlas Copco special ”U” design DC electric brushless resolver nutrunners. Designed for locations with minimal nutrunner length clearances as in exhaust manifold or indexing applications.

Model	Travel mm	Torque range Nm	Torque range ft lb	Speed r/min	Min C-C	Weight kg	Weight lb	Gear ratio	Socket holder size in	Ordering No.	Socket holder[a] Ordering No.
QMX42-5RUT	50	20 - 50	15 - 35	560	43	5.5	12.1	21.3	1/2	9831 4045 45	4230 1819 00
QMX50-9RUT	76	15 - 80	11 - 55	560	51	8.0	17.6	18.2	1/2	9831 4046 31	4230 1820 00
QMX50-15RUT	76	30 - 140	22 - 100	330	51	8.0	17.6	31.3	1/2	9831 4046 26	4230 1820 00
QMX62-19RUT	50	30 - 170	22 - 125	330	88	15.0	33.1	19.4	3/4	9831 4047 37	4230 1822 00
QMX62-32RUT	50	55 - 280	40 - 205	200	88	18.0	39.7	32.1	3/4	9831 4047 35	4230 1822 00
QMX95-200RUT	12	350 -1750	260 - 1250	60	95	34.0	75.0	98.0	HEX	9831 4058 32	not available

[a] The socket holder is included in the product.

Co-axial nutrunner

Atlas Copco special co axial-design DC electric brushless resolver nutrunners. This design enables our tools to perform special gauging or fastening applications. Essentially, a nutrunner inside a nutrunner. The center nutrunner is used to set a position or torque while the outside nutrunner synchronizes and secures the position with a lock nut or monitors for excessive friction.

Model	Travel mm	Torque range Nm	Torque range ft lb	Speed r/min	Min C-C	Weight kg	Weight lb	Gear ratio	Socket holder[a] size in	Ordering No.
QMX42-2RT/QMX42-5ROT	24 / 24	15 / 63	11 / 45	270 / 170	44	10	22	16.00 / 41.23	1/4 / 3/4	9831 4045 62
QMX42-2RT/QMX42-5ROT	24 / 24	20 / 50	15 / 35	1200 / 560	44	10	22	7.5 / 21.33	1/4 / 3/4	9831 4045 83
QMX42-5RT/QMX50-15RT	24 / 24	50 / 150	35 / 110	200 / 350	64	15	33	21.33 / 31.24	3/8 / 3/4	9831 4046 35
QMX80-55RT/QMX80-10RT	36 / –	550 / 100	400 / 75	200 / 100	216	48	105	29.56 / 48.44	3/4 / –	9831 4040 65

[a] The socket holder is included in the product.

Cables Stand Alone

Model	Ordering No.
Cable between spindle and controller, 2 m	4231 5062 02
Cable between spindle and controller, 5 m	4231 5062 05
Cable between spindle and controller, 10 m	4231 5062 10
Cable between spindle and controller, 15 m	4231 5062 15
Cable between spindle and controller, 20 m	4231 5062 20
Cable between PBU and controller, 2 m	4231 5063 02
Cable between PBU and controller, 5 m	4231 5063 05
Cable between PBU and controller, 10 m	4231 5063 10

POWER MACS
QMX nutrunners

Atlas Copco special socket holder designs allow you to reach into applications or parts with tight clearances.

QMX42-2RT

A mm	Product No.	Socket holder size in	Socket holder[a] Ordering No.
0[b]	8432 5120 10	3/8	4230 1818 00
50	8432 4063 08	3/8	4230 2217 00
100	8432 4063 10	3/8	4230 2217 01
150	8432 4063 12	3/8	4230 2217 02
200	8432 4063 14	3/8	4230 2217 03
0	8432 4063 07	1/2	4230 1819 00
50	8432 4063 09	1/2	4230 2218 00
100	8432 4063 11	1/2	4230 2218 01
150	8432 4063 13	1/2	4230 2218 02
200	8432 4063 15	1/2	4230 2218 03

QMX42-5RT

A mm	Product No.	Socket holder size in	Socket holder[a] Ordering No.
0	8432 4063 17	3/8	4230 1818 00
50	8432 4063 18	3/8	4230 2217 00
100	8432 4063 20	3/8	4230 2217 01
150	8432 4063 22	3/8	4230 2217 02
200	8432 4063 24	3/8	4230 2217 03
0[b]	8432 5130 10	1/2	4230 1819 00
50	8432 4063 19	1/2	4230 2218 00
100	8432 4063 21	1/2	4230 2218 01
150	8432 4063 23	1/2	4230 2218 02
200	8432 4063 25	1/2	4230 2218 03

QMX50-9RT

A mm	Product No.	Socket holder size in	Socket holder[a] Ordering No.
0[b]	8432 5140 10	1/2	4230 1820 00
50	8432 4063 28	1/2	4230 2219 00
100	8432 4063 29	1/2	4230 2219 01
150	8432 4063 30	1/2	4230 2219 02
200	8432 4063 31	1/2	4230 2219 03

QMX50-15RT

A mm	Product No.	Socket holder size in	Socket holder[a] Ordering No.
0[b]	8432 5150 10	1/2	4230 1820 00
50	8432 4063 68	1/2	4230 2219 00
100	8432 4063 33	1/2	4230 2219 01
150	8432 4063 34	1/2	4230 2219 02
200	8432 4063 35	1/2	4230 2219 03
100[c]	8432 4071 79	5/8	4232 2155 00

QMX62-19RT

A mm	Product No.	Socket holder size in	Socket holder[a] Ordering No.
0	8432 5165 10	1/2	4230 1829 00
50	8432 4063 37	1/2	4230 2223 00
100	8432 4063 40	1/2	4230 2223 01
150	8432 4063 43	1/2	4230 2223 02
200	8432 4063 46	1/2	4230 2223 03
0[b]	8432 5160 10	5/8	4230 1821 00
50	8432 4063 38	5/8	4230 2224 00
100	8432 4063 41	5/8	4230 2224 01
150	8432 4063 44	5/8	4230 2224 02
200	8432 4063 47	5/8	4230 2224 03
0	8432 4063 71	3/4	4230 1822 00
50	8432 4063 39	3/4	4230 2226 00
100	8432 4063 42	3/4	4230 2226 01
150	8432 4063 45	3/4	4230 2226 02
200	8432 4063 48	3/4	4230 2226 03

QMX62-32RT

A mm	Product No.	Socket holder size in	Socket holder[a] Ordering No.
0	8432 4049 37	1/2	4230 1829 00
50	8432 4063 52	1/2	4230 2223 00
100	8432 4063 55	1/2	4230 2223 01
150	8432 4063 58	1/2	4230 2223 02
200	8432 4063 61	1/2	4230 2223 03
0	8432 4063 72	5/8	4230 1821 00
50	8432 4063 53	5/8	4230 2224 00
100	8432 4063 56	5/8	4230 2224 01
150	8432 4063 59	5/8	4230 2224 02
200	8432 4063 62	5/8	4230 2224 03
0[b]	8432 5170 10	3/4	4230 1822 00
50	8432 4063 54	3/4	4230 2226 00
100	8432 4063 57	3/4	4230 2226 01
150	8432 4063 60	3/4	4230 2226 02
200	8432 4063 63	3/4	4230 2226 03

[a] The socket holder is included in the product.

[b] This socket holder follows when you order the standard nutrunner.

[c] Recommended for wheel multiple. Extended front part housing.

NOTE: The spindle travel is 50 mm for all sockets holders.