

RATCHET WRENCHES



URW-8



URW-6



URW-12N



URW-8N



URW-12NB

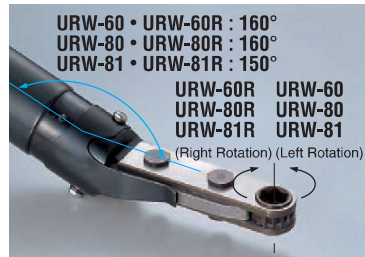


URW-10N

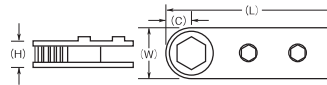
FEATURES

Most suitable for fastening in narrow application. Bent head type, Thinner head type and Extended head type are also available for hard-to-reach access fastening jobs.

Reverse rotation is obtained by simply turning a tool over.



Head Sizes



Model	H		W		L		C	
	mm	in	mm	in	mm	in	mm	in
URW-6,60,60R	13.0	33/64	20.0	25/32	88.0	3 15/32	10.0	25/64
URW-8,8N,9N,80,80R,81,81R	18.0	45/64	25.0	63/64	102.5	4 1/32	12.5	31/64
URW-10N	18.0	45/64	33.0	19/64	106.5	4 3/16	16.5	21/32
URW-12N	18.0	45/64	36.0	1 27/64	109.5	4 5/16	18.0	45/64
URW-12NA	18.0	45/64	46.0	1 13/16	120.5	4 3/4	23.0	29/32
URW-12NB	18.0	45/64	54.0	2 1/8	128.5	5 1/16	27.0	1 1/16

SPECIFICATIONS

Recommended Air Pressure : 0.4MPa (57psi)

Model	Capacity (Nominal Bolt Size)		Max. Torque (0.4MPa)		Free Speed (about)	Overall Length (about)		Weight (about)		Hex Size of Ratchet Wrench		Average Air Consumption	
	mm	in	Nm	ft-lbs		mm	in	kg	lb	mm		ft ³ /min	
					rpm					in			
URW-6	6	1/4	11	8.1	210	292	11 1/2	1.15	2.54	6, 7, 8, 10, 11, 12	1/4, 5/16, 3/8, 7/16	0.28	9.9
URW-60, 60R	6	1/4	11	8.1	210	288	11 11/32	1.15	2.54	6, 7, 8, 10, 11, 12	1/4, 5/16, 3/8, 7/16	0.28	9.9
URW-8N	8	5/16	16	11.8	260	300	11 13/16	1.90	4.18	7, 8, 9, 10, 11, 12, 13, 14, 15	7/16, 1/2, 9/16	0.55	19.5
URW-80, 80R	8	5/16	16	11.8	240	300	11 13/16	2.25	4.96	7, 8, 9, 10, 11, 12, 13, 14, 15	7/16, 1/2, 9/16	0.55	19.5
URW-81, 81R	8	5/16	16	11.8	240	300	11 13/16	2.25	4.96	7, 8, 9, 10, 11, 12, 13, 14, 15	7/16, 1/2, 9/16	0.55	19.5
URW-8	8	5/16	16	11.8	240	360	14 3/16	2.25	4.96	7, 8, 9, 10, 11, 12, 13, 14, 15	7/16, 1/2, 9/16	0.56	19.8
URW-9N	10	3/8	31	22.9	140	380	15	2.35	5.18	7, 8, 9, 10, 11, 12, 13, 14, 15	7/16, 1/2, 9/16	0.67	23.7
URW-10N	10	3/8	57	42.2	155	394	15 33/64	2.65	5.83	10, 12, 13, 14, 15, 16, 17, 18, 19	9/16, 5/8, 11/16, 3/4	0.70	25.0
URW-12N	13	1/2	59	43.7	145	397	15 5/8	2.70	5.94	12, 14, 16, 17, 18, 19, 21, 22, 23	3/8, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16	0.70	25.0
URW-12NA	14	9/16	78	57.7	105	408	16 1/16	2.80	6.17	17, 18, 19, 21, 22, 23, 24, 26, 27	11/16, 3/4, 15/16	0.70	25.0
URW-12NB	16	5/8	93	68.8	90	416	16 19/64	2.90	6.39	24, 29, 30, 32	5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8	0.70	25.0

Air Inlet Thread (Pipe Tap) : NPT1/4"
 Air Hose Size (Inside Diameter) : 9.5mm (3/8")
 Specify Hex. size when ordering.
 Max Torque is a guideline.

OPEN-END WRENCHES / GEARED WRENCHES

BOLT & NUT SETTERS



UOW-11-14



UOW-11-10



UOW-11-22



UOW-11-30



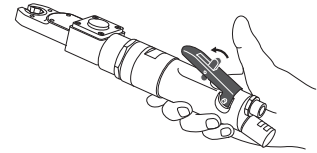
UOW-T60-22



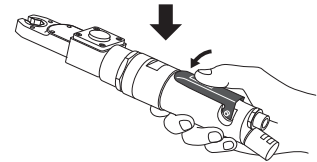
UGW-8N

Safety Start Lever

Safety Start Lever is installed as standard equipment for UOW series to prevent accidental start of tool.



Push down the self-locking lever to operate tool as above.



FEATURES

(OPEN-END WRENCHES)

URYU offers two types of Open-End Wrenches for fast, accurate tube nut tightening. **UOW-11 series** is a stall torque type and **UOW-T60 series** is a mechanical shut-off type with external torque adjustment.

(GEARED WRENCHES)

Gear drive mechanism amplifies and transmits the motor rotation power. **UGW Geared Wrench** offers quiet operation with good durability.

EXTERNAL DIAL

Torque adjustment, (No special tool is needed)



1 : Min.
3 : Max.

UOW-T60 series only.

Head Sizes	Model	H		W		O		C	
		mm	in	mm	in	mm	in	mm	in
	UOW-11-10,UOW-T60-10	14.0	35/64	37.0	1 29/64	5.0~6.0	13/64~15/64	10.0	25/64
	UOW-11-14,UOW-T60-14	14.0	35/64	40.0	1 37/64	6.0~9.0	15/64~23/64	13.0	33/64
	UOW-11-22,UOW-T60-22	16.0	5/8	56.0	2 13/64	13.0~15.0	33/64~19/32	17.0	43/64
	UOW-11-30,UOW-T60-30	16.0	5/8	68.0	2 43/64	15.0~23.0	19/32~29/32	21.0	53/64

SPECIFICATIONS

Recommended Air Pressure : 0.6MPa (85psi)

Model	Max. Torque / Range		Free Speed (about)	Overall Length (about)		Weight (about)		Hex Size of Ratchet Wrench		Average Air Consumption	
	Nm	ft-lbs		rpm	mm	in	kg	lb	mm	in	m ³ /min
	UOW-11-10	13	9.6	390	295	11 47/64	1.50	3.31	7, 8, 9, 10, 11, 12	1/4, 5/16, 3/8, 7/16	0.30
UOW-11-14	16	11.8	290	311	12 1/4	1.60	3.52	10, 11, 12, 13, 14, 15, 16, 17	7/16, 1/2, 9/16, 5/8	0.30	10.5
UOW-11-22	24	17.8	220	326	12 53/64	1.75	3.85	11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24	7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8	0.30	10.5
UOW-11-30	32	23.7	160	347	13 21/32	2.00	4.40	14, 17, 18, 19, 23, 24, 26, 27, 29, 30, 32, 36	5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-3/16	0.30	10.5
UOW-T60-10	4-14	3.0-10.4	300	370	14 5/8	2.10	4.62	7, 8, 9, 10, 11, 12	1/4, 5/16, 3/8, 7/16	0.30	10.5
UOW-T60-14	5-17	3.7-12.6	240	385	15 1/8	2.20	4.85	10, 11, 12, 13, 14, 15, 16, 17	7/16, 1/2, 9/16, 5/8	0.30	10.5
UOW-T60-22	7-24	5.2-17.8	170	400	15 3/4	2.35	5.18	11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24	7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8	0.30	10.5
UOW-T60-30	10-32	7.4-23.7	130	420	16 5/8	2.60	5.73	14, 17, 18, 19, 23, 24, 26, 27, 29, 30, 32, 36	5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-3/16	0.30	10.5
UGW-6N	18	13.3	530	310	12 13/64	1.40	3.08	9, 10, 11, 12		0.30	10.5
UGW-8N	23	17.0	410	322	12 11/16	1.45	3.19	10, 12, 13, 14, 17		0.30	10.5

Air Inlet Thread (Pipe Tap) : NPT1/4* Air Hose Size (Inside Diameter) : 9.5mm (3/8*)
Specify Hex. size when ordering.

ANGLE NUTRUNNERS

Instant automatic shut-off providing reduced reaction.
Low inertia design providing increased accuracy.



UAN-611RM TORQUE MONITORING TYPE



UAN-611R-30C

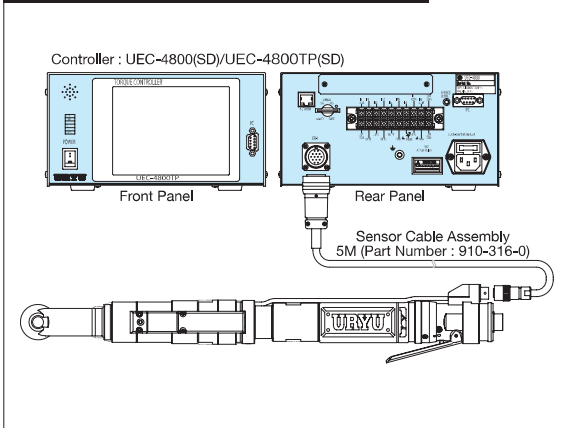
BOLT & NUT SETTERS

FEATURES

- Simple and accurate method to adjust torque output by Phillips Driver permitting quick setup.
- Designed with a spline type interface allowing multiple head positions for the most comfortable throttle location on those hard to reach applications.
- The pneumatic motor is designed to offer high power performance by reducing motor inertia to the minimum level.
- Ergonomically designed Protector offers firm gripping for ergonomic fastening.

Head Sizes	Model	C		H	
		mm	in	mm	in
	UAN-611R-60C, UAN-611RM-60C	14.0	35/64	47.0	1 27/32
	UAN-611R-50C, UAN-611RM-50C	14.0	35/64	47.0	1 27/32
	UAN-611R-40C, UAN-611RM-40C	14.0	35/64	47.0	1 27/32
	UAN-611R-30C, UAN-611RM-30C	14.0	35/64	47.0	1 27/32
	UAN-701R-60C, UAN-701RM-60C	14.0	35/64	47.0	1 27/32
	UAN-701R-40C, UAN-701RM-40C	18.0	45/64	51.0	2 1/64
	UAN-701R-30C, UAN-701RM-30C	18.0	45/64	58.0	2 9/32

System Layout For Torque Monitoring Type



SPECIFICATIONS

Recommended Air Pressure : 0.6MPa (85psi)

Model	Bolt Capacity		Torque Range		Free Speed (about)	Overall Length less Socket (about)		Weight less Socket (about)		From Center to Outside (about)		Angle Height (about)		Square Drive Shank		Average Air Consumption	
	mm	in	Nm	ft-lbs		rpm	mm	in	kg	lb	mm	in	mm	in	mm	in	m ³ /min
UAN-611RM-60C	6	1/4	6.5-12.0	4.3-8.6	620	419	16 1/2	2.0	4.4	14.0	35/64	47	1 55/64	9.5	3/8	0.6	21.2
UAN-611RM-50C	6-8	1/4-5/16	8.5-15.0	5.7-10.8	470	409	16 7/64	2.0	4.4	14.0	35/64	47	1 55/64	9.5	3/8	0.6	21.2
UAN-611RM-40C	6-8	1/4-5/16	10.0-18.0	7.2-12.9	400	409	16 7/64	2.0	4.4	14.0	35/64	47	1 55/64	9.5	3/8	0.6	21.2
UAN-611RM-30C	8	5/16	13.0-25.0	9.3-18.0	270	409	16 7/64	2.0	4.4	14.0	35/64	47	1 55/64	9.5	3/8	0.6	21.2
UAN-701RM-60C	8	5/16	20.0-31.0	14.5-23.1	600	480	18 57/64	2.7	5.94	14.0	35/64	47	1 55/64	9.5	3/8	0.9	31.8
UAN-701RM-40C	8-10	5/16-3/8	28.0-45.0	21.0-33.3	400	492	19 3/8	2.9	6.38	18.0	45/64	51	2	9.5	3/8	0.9	31.8
UAN-701RM-30C	10-12	3/8-1/2	37.0-60.0	27.5-44.1	300	492	19 3/8	2.9	6.38	18.0	45/64	58	2 9/32	12.7	1/2	0.9	31.8

Air Inlet Thread (Pipe Tap) : NPT1/4" Air Hose Size (Inside Diameter) : 9.5mm (3/8")

SPECIFICATIONS

Recommended Air Pressure : 0.6MPa (85psi)

Model	Bolt Capacity		Torque Range		Free Speed (about)	Overall Length (about)	Weight less Socket (about)		From Center to Outside (about)		Angle Height (about)		Square Drive Shank		Average Air Consumption		
	mm	in	Nm	ft-lbs			rpm	mm	in	kg	lb	mm	in	mm	in	mm	in
UAN-611R-60C	6	1/4	6.5-12.0	4.3-8.6	620	383	15 5/64	1.6	3.52	14.0	35/64	47	1 55/64	9.5	3/8	0.6	21.2
UAN-611R-50C	6-8	1/4-5/16	8.5-15.0	5.7-10.8	470	373	14 11/16	1.6	3.52	14.0	35/64	47	1 55/64	9.5	3/8	0.6	21.2
UAN-611R-40C	6-8	1/4-5/16	10.0-18.0	7.2-12.9	400	373	14 11/16	1.6	3.52	14.0	35/64	47	1 55/64	9.5	3/8	0.6	21.2
UAN-611R-30C	8	5/16	13.0-25.0	9.3-18.0	270	373	14 11/16	1.6	3.52	14.0	35/64	47	1 55/64	9.5	3/8	0.6	21.2
UAN-701R-60C	8	5/16	20.0-31.0	14.5-23.1	600	445	17 33/64	2.4	5.29	14.0	35/64	47	1 55/64	9.5	3/8	0.9	31.8
UAN-701R-40C	8-10	5/16-3/8	28.0-45.0	21.0-33.3	400	455	17 29/32	2.4	5.29	18.0	45/64	51	2	9.5	3/8	0.9	31.8
UAN-701R-30C	10-12	3/8-1/2	37.0-60.0	27.5-44.1	300	455	17 29/32	2.4	5.29	18.0	45/64	58	2 9/32	12.7	1/2	0.9	31.8

Air Inlet Thread (Pipe Tap) : NPT1/4" Air Hose Size (Inside Diameter) : 9.5mm (3/8") Fastening count is available with UTM-1500, as an option.