

UAT SERIES OIL-PULSE TOOLS (SHUT-OFF TYPE)

PISTOL TYPE



(Standard Type)



(Low Air Pressure Type)



(D Type)



(TM-type)

SPECIFICATIONS

Recommended Air Pressure: 0.4MPa(57psi)~0.6MPa(85psi)

Model	Capacity (Nominal Bolt Size)		Torque Range				Free Speed (Approx.) rpm			Overall Length less Socket or Bit (about)		Weight less Socket or Bit (about)		From Center to Outside (about)		Sq. Drive or Hex. Size		Average Air Consumption	
			0.4~0.5MPa		0.5~0.6MPa														
	mm	in	Nm	ft-lbs	Nm	ft-lbs	0.4MPa	0.5MPa	0.6MPa	mm	in	kg	lb	mm	in	mm	in	m ³ /min	ft ³ /min
UAT40	5	13/64	4.5-8.0	3.3-5.9	4.5-8.0	3.3-5.9	3300	3600	3800	162	6 3/8	0.92	2.0	24.5	31/32	9.5	3/8	0.25	8.8
UAT40D	5	13/64	4.5-8.0	3.3-5.9	4.5-8.0	3.3-5.9	3300	3600	3800	165	6 1/2	0.92	2.0	24.5	31/32	6.35	1/4	0.25	8.8
UAT50	6-8	1/4-5/16	-	-	7.0-15.5	5.2-11.5	-	4400	4600	162	6 3/8	0.92	2.0	24.5	31/32	9.5	3/8	0.30	10.5
UAT50D	6-8	1/4-5/16	-	-	7.0-15.5	5.2-11.5	-	4400	4600	165	6 1/2	0.92	2.0	24.5	31/32	6.35	1/4	0.30	10.5
UAT60	8	5/16	-	-	15.0-32.0	11.1-23.7	-	6300	6700	174	6 27/32	0.95	2.1	24.5	31/32	9.5	3/8	0.35	12.3
UAT60D	8	5/16	-	-	15.0-32.0	11.1-23.7	-	6300	6700	177	6 31/32	0.95	2.1	24.5	31/32	6.35	1/4	0.35	12.3
UAT70	8-10	5/16-3/8	-	-	30.0-55.0	22.2-40.7	-	5700	6000	180	7 3/32	1.05	2.3	25.5	1	9.5	3/8	0.40	14.0
UAT80	10-12	3/8-1/2	-	-	45.0-63.0	33.3-46.6	-	5300	5600	186	7 5/16	1.25	2.8	28.0	1 3/32	9.5	3/8	0.48	16.8
UAT90	10-12	3/8-1/2	-	-	50.0-85.0	37.0-62.9	-	5400	5700	192	7 9/16	1.45	3.2	29.0	1 5/32	12.7	1/2	0.53	18.6
UAT100	12	1/2	-	-	70.0-130.0	51.8-96.2	-	4900	5200	199	7 27/32	1.70	3.7	31.5	1 1/4	12.7	1/2	0.55	19.3
UAT130	14	9/16	-	-	110-150	81.4-111	-	4300	4500	217	8 35/64	2.30	5.06	34.0	1 11/32	12.7	1/2	0.70	24.6
UAT200	18-20	3/4	-	-	200-400	148-296	-	2300	2400	279	10 63/64	5.80	12.76	47.5	1 7/8	19.0	3/4	1.00	35.2
UAT50L	6-8	1/4-5/16	7.0-15.5	5.2-11.5	-	-	4000	4300	-	162	6 3/8	0.92	2.0	24.5	31/32	9.5	3/8	0.25	8.8
UAT50DL	6-8	1/4-5/16	7.0-15.5	5.2-11.5	-	-	4000	4300	-	165	6 1/2	0.92	2.0	24.5	31/32	6.35	1/4	0.25	8.8
UAT60L	8	5/16	13.0-28.0	9.6-20.7	-	-	6000	6500	-	174	6 27/32	0.95	2.1	24.5	31/32	9.5	3/8	0.25	8.8
UAT60DL	8	5/16	13.0-28.0	9.6-20.7	-	-	6000	6500	-	177	6 31/32	0.95	2.1	24.5	31/32	6.35	1/4	0.25	8.8
UAT70L	8-10	5/16-3/8	25.0-48.0	18.5-35.5	-	-	5300	5600	-	180	7 3/32	1.05	2.3	25.5	1	9.5	3/8	0.30	10.5
UAT80L	10-12	3/8-1/2	35.0-55.0	25.9-40.7	-	-	5000	5300	-	186	7 5/16	1.25	2.8	28.0	1 3/32	9.5	3/8	0.40	14.0
UAT90L	10-12	3/8-1/2	45.0-75.0	33.3-55.5	-	-	5100	5600	-	192	7 9/16	1.45	3.2	29.0	1 5/32	12.7	1/2	0.45	15.8
UAT100L	12	1/2	60.0-110.0	44.4-81.4	-	-	4800	5200	-	199	7 27/32	1.70	3.7	31.5	1 1/4	12.7	1/2	0.48	16.8
UAT130L	12-14	1/2-9/16	80-125	59.2-92.5	-	-	4100	4400	-	217	8 35/64	2.30	5.06	34.0	1 11/32	12.7	1/2	0.50	17.6
UAT200L	16-18	5/8-3/4	170-280	125.8-207.2	-	-	2200	2300	-	279	10 63/64	5.80	12.76	47.5	1 7/8	19.0	3/4	0.70	24.6

Air Inlet Thread : N.P.T. 1/4"

Air Hose Size : φ10×6.5×5m for UAT40 series – UAT50 series

φ12×8.0×5m for UAT60 series – UAT100 series

φ16×11.0×5m for UAT100L, UAT130(L), and UAT200(L)

UAT SERIES OIL-PULSE TOOLS (SHUT-OFF TYPE)

STRAIGHT TYPE



UAT40S



UAT60SD



UAT50SL



UAT70S



(Standard Type)



(Low Air Pressure Type)



(D Type)

"TM type is also available."

SPECIFICATIONS

Recommended Air Pressure:0.4MPa(57psi)-0.6MPa(85psi)

Model	Capacity (Nominal Bolt Size)		Torque Range				Free Speed (Approx.) rpm			Overall Length less Socket or Bit (about)		Weight less Socket or Bit (about)		From Center to Outside (about)		Sq. Drive or Hex. Size		Average Air Consumption	
			0.4~0.5MPa		0.5~0.6MPa														
	mm	in	Nm	ft-lbs	Nm	ft-lbs	0.4MPa	0.5MPa	0.6MPa	mm	in	kg	lb	mm	in	mm	in	m ³ /min	ft ³ /min
UAT40S	5	13/64	4.5-8.0	3.3-5.9	4.5-8.0	3.3-5.9	3000	3200	3300	224	8 13/16	0.85	1.9	22.5	7/8	9.5	3/8	0.20	7.0
UAT40SD	5	13/64	4.5-8.0	3.3-5.9	4.5-8.0	3.3-5.9	3000	3200	3300	227	8 15/16	0.85	1.9	22.5	7/8	6.35	1/4	0.20	7.0
UAT50S	6-8	1/4-5/16	-	-	7.0-15.5	5.2-11.5	-	3700	3900	224	8 13/16	0.85	1.9	22.5	7/8	9.5	3/8	0.25	8.8
UAT50SD	6-8	1/4-5/16	-	-	7.0-15.5	5.2-11.5	-	3700	3900	227	8 15/16	0.85	1.9	22.5	7/8	6.35	1/4	0.25	8.8
UAT60S	8	5/16	-	-	15.0-32.0	11.1-23.7	-	5400	5700	229	9	0.87	1.9	22.5	7/8	9.5	3/8	0.30	10.5
UAT60SD	8	5/16	-	-	15.0-32.0	11.1-23.7	-	5400	5700	232	9 1/8	0.87	1.9	22.5	7/8	6.35	1/4	0.30	10.5
UAT70S	8-10	5/16-3/8	-	-	30.0-50.0	22.2-37.0	-	4400	4700	239	9 13/32	0.95	2.1	23.5	7/8	9.5	3/8	0.35	12.3
UAT50SL	6-8	1/4-5/16	7.0-15.5	5.2-11.5	-	-	3800	4000	-	224	8 13/16	0.85	1.9	22.5	7/8	9.5	3/8	0.20	7.0
UAT50SDL	6-8	1/4-5/16	7.0-15.5	5.2-11.5	-	-	3800	4000	-	227	8 15/16	0.85	1.9	22.5	7/8	6.35	1/4	0.20	7.0
UAT60SL	8	5/16	13.0-28.0	9.6-20.7	-	-	5300	5600	-	229	9	0.87	1.9	22.5	7/8	9.5	3/8	0.25	8.8
UAT60SDL	8	5/16	13.0-28.0	9.6-20.7	-	-	5300	5600	-	232	9 1/8	0.87	1.9	22.5	7/8	6.35	1/4	0.25	8.8
UAT70SL	8-10	5/16-3/8	25.0-45.0	18.5-33.3	-	-	4400	4700	-	239	9 13/32	0.95	2.1	23.5	7/8	9.5	3/8	0.27	9.5

Air Inlet Thread : N.P.T. 1/4"

Air Hose Size : φ10×6.5×5m for UAT40S series – UAT50S series
φ12×8.0×5m for UAT60S series – UAT70S series

ULT SERIES OIL-PULSE TOOLS (SHUT-OFF TYPE)

PISTOL TYPE



(Standard Type)



(Low Air Pressure Type)



(D Type)

BOLT & NUT SETTERS

SPECIFICATIONS

Recommended Air Pressure: 0.4MPa(57psi)~0.6MPa(85psi)

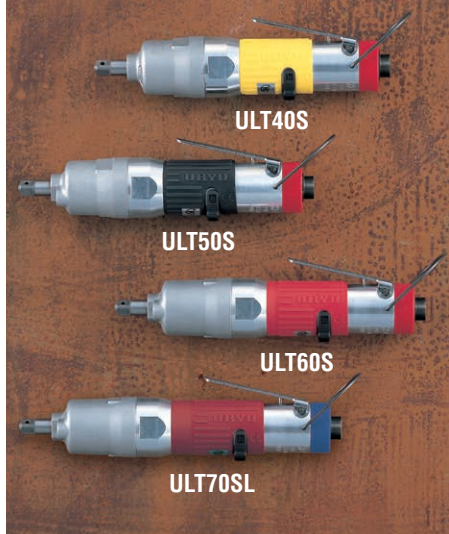
Model	Capacity (Nominal Bolt Size)		Torque Range				Free Speed (Approx.) rpm		Overall Length less Socket or Bit (about)		Weight less Socket or Bit (about)		From Center to Outside (about)		Sq. Drive or Hex. Size		Average Air Consumption	
			0.4~0.5MPa		0.5~0.6MPa		0.4MPa	0.6MPa	mm	in	kg	lb	mm	in	mm	in	m ³ /min	ft ³ /min
	mm	in	Nm	ft-lbs	Nm	ft-lbs												
ULT30D	4-5	No.8-No.10	2.5-5.5	1.9-4.1	2.5-5.5	1.9-4.1	3300	3700	163	6 27/64	0.88	1.9	21.5	27/32	6.35	1/4	0.20	7.0
ULT40	5	No.10	4.5-8.0	3.3-5.9	4.5-8.0	3.3-5.9	3200	3600	160	6 19/64	0.92	2.0	22.5	57/64	9.5	3/8	0.20	7.0
ULT40D	5	No.10	4.5-8.0	3.3-5.9	4.5-8.0	3.3-5.9	3200	3600	163	6 27/64	0.92	2.0	22.5	57/64	6.35	1/4	0.20	7.0
ULT50	6-8	1/4-5/16	-	-	7.0-15.5	5.2-11.5	-	4400	160	6 19/64	0.92	2.0	22.5	57/64	9.5	3/8	0.25	8.8
ULT50D	6-8	1/4-5/16	-	-	7.0-15.5	5.2-11.5	-	4400	163	6 27/64	0.92	2.0	22.5	57/64	6.35	1/4	0.25	8.8
ULT60	8	5/16	-	-	15-32	11.1-23.7	-	6700	172	6 49/64	0.95	2.1	22.5	57/64	9.5	3/8	0.35	12.3
ULT60D	8	5/16	-	-	15-32	11.1-23.7	-	6700	175	6 57/64	0.95	2.1	22.5	57/64	6.35	1/4	0.35	12.3
ULT70	8-10	5/16-3/8	-	-	30-55	22.2-40.7	-	6000	178	7 1/64	1.05	2.3	23.5	59/64	9.5	3/8	0.40	14.0
ULT80	10-12	3/8-1/2	-	-	45-63	33.3-46.6	-	5600	184	7 1/4	1.25	2.75	26.0	1 1/32	9.5	3/8	0.48	16.8
ULT90	10-12	3/8-1/2	-	-	50-85	37.0-62.9	-	5700	190	7 31/64	1.45	3.2	27.0	1 1/16	12.7	1/2	0.53	18.6
ULT100	12	1/2	-	-	70-130	51.8-96.2	-	5200	197	7 3/4	1.70	3.7	29.5	15/32	12.7	1/2	0.55	19.3
ULT130	14	9/16	-	-	110-150	81.4-111.0	-	4500	215	8 15/32	2.30	5.1	32.0	1 17/64	12.7	1/2	0.70	24.7
ULT150	16	5/8	-	-	140-210	103.6-155.4	-	3900	240	9 29/64	2.90	6.4	36.0	1 27/64	19.0	3/4	0.70	24.7
ULT180	16-18	5/8-45/64	-	-	160-250	118.4-185.0	-	3300	264	10 25/64	3.70	8.1	39.0	1 37/64	19.0	3/4	0.70	24.7
ULT50L	6-8	1/4-5/16	7.0-15.5	5.2-11.5	-	-	4000	-	160	6 19/64	0.92	2.0	22.5	57/64	9.5	3/8	0.20	7.0
ULT50DL	6-8	1/4-5/16	7.0-15.5	5.2-11.5	-	-	4000	-	163	6 27/64	0.92	2.0	22.5	57/64	6.35	1/4	0.20	7.0
ULT60L	8	5/16	13-28	9.6-20.7	-	-	6000	-	172	6 49/64	0.95	2.1	22.5	57/64	9.5	3/8	0.25	8.8
ULT60DL	8	5/16	13-28	9.6-20.7	-	-	6000	-	175	6 57/64	0.95	2.1	22.5	57/64	6.35	1/4	0.25	8.8
ULT70L	8-10	5/16-3/8	25-48	18.5-35.5	-	-	5500	-	178	7 1/64	1.05	2.3	23.5	59/64	9.5	3/8	0.30	10.5
ULT80L	10-12	3/8-1/2	35-55	25.9-40.7	-	-	5000	-	184	7 1/4	1.25	2.75	26.0	1 1/32	9.5	3/8	0.40	14.0
ULT90L	10-12	3/8-1/2	45-75	33.3-55.5	-	-	5100	-	190	7 31/64	1.45	3.2	27.0	1 1/16	12.7	1/2	0.45	12.8
ULT100L	12	1/2	60-110	44.4-81.4	-	-	4800	-	197	7 3/4	1.70	3.7	29.5	15/32	12.7	1/2	0.48	16.8
ULT130L	12-14	1/2-9/16	80-125	59.2-92.5	-	-	3600	-	215	8 15/32	2.30	5.1	32.0	1 17/64	12.7	1/2	0.60	21.1
ULT150L	14-16	9/16-5/8	110-170	81.4-125.8	-	-	3500	-	240	9 29/64	2.90	6.4	36.0	1 27/64	19.0	3/4	0.50	17.5
ULT180L	16	9/16-5/8	130-210	96.2-155.4	-	-	3000	-	264	10 25/64	3.70	8.1	39.0	1 37/64	19.0	3/4	0.50	17.5

Air Inlet Size : ULT30D~150 NPT1/4" ULT180 NPT3/8"

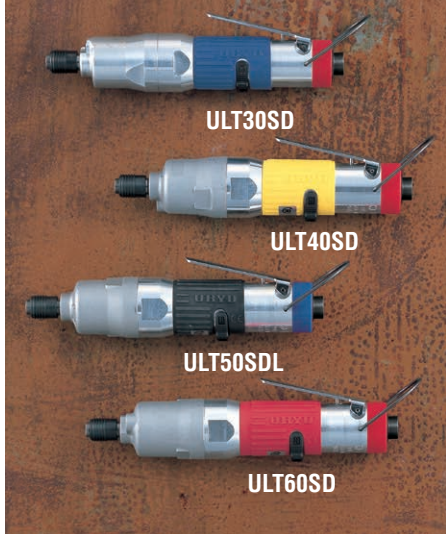
Air Hose Size : 10mm×6.5mm×5m for ULT30-50(L) 12mm×8.0mm×5m for ULT60(L)-100 16mm×11.0mm×5m for ULT100L-180(L)

ULT SERIES OIL-PULSE TOOLS (SHUT-OFF TYPE)

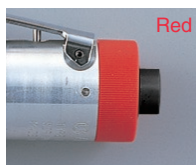
STRAIGHT SQ. DRIVE TYPE



STRAIGHT HEX. SIZE TYPE



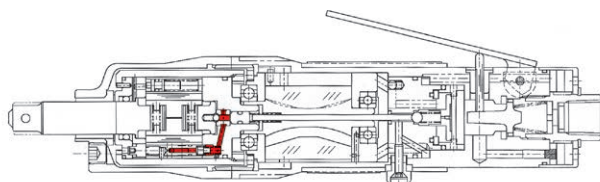
ANGLE TYPE



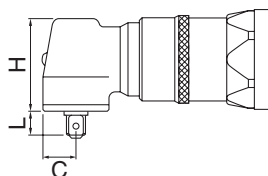
(Standard Type)



(Low Air Pressure Type)



Head Sizes



MODEL	H		C		L	
	mm	in	mm	in	mm	in
ULT50C	45.5	1 51/64	16	5/8	12	15/32
ULT60C	45.5	1 51/64	16	5/8	12	15/32
ULT70C	54.5	2 9/64	18	45/64	16	5/8
ULT70CH	56.5	2 15/64	22	7/8	20	25/32

SPECIFICATIONS

Recommended Air Pressure: 0.4MPa(57psi)-0.6MPa(85psi)

Model	Capacity (Nominal Bolt Size)		Torque Range				Free Speed (Approx.) rpm		Overall Length less Socket or Bit (about)		Weight less Socket or Bit (about)		From Center to Outside (about)		Sq. Drive or Hex. Size		Average Air Consumption	
			0.4~0.5MPa		0.5~0.6MPa													
	mm	in	Nm	ft-lbs	Nm	ft-lbs	0.4MPa	0.6MPa	mm	in	kg	lb	mm	in	mm	in	m ³ /min	ft ³ /min
ULT30SD	4-5	No.8-No.10	2.5-5.5	1.9-4.1	2.5-5.5	1.9-4.1	3300	3700	221	8 45/64	0.75	1.6	21.5	27/32	6.35	1/4	0.20	7.0
ULT40S	5	No.10	4.5-8.0	3.3-5.9	4.5-8.0	3.3-5.9	3200	3600	218	8 19/52	0.83	1.8	22.5	57/64	9.5	3/8	0.20	7.0
ULT40SD	5	No.10	4.5-8.0	3.3-5.9	4.5-8.0	3.3-5.9	3200	3600	221	8 11/16	0.83	1.8	22.5	57/64	6.35	1/4	0.20	7.0
ULT50S	6-8	1/4-5/16	-	-	7.0-15.5	5.2-11.5	-	4700	218	8 19/52	0.83	1.8	22.5	57/64	9.5	3/8	0.25	8.8
ULT50SD	6-8	1/4-5/16	-	-	7.0-15.5	5.2-11.5	-	4700	221	8 11/16	0.83	1.8	22.5	57/64	6.35	1/4	0.25	8.8
ULT60S	8	5/16	-	-	15-32	11.1-23.7	-	5400	229	9 1/64	0.87	1.9	22.5	57/64	9.5	3/8	0.30	10.5
ULT60SD	8	5/16	-	-	15-32	11.1-23.7	-	5400	232	9 9/64	0.87	1.9	22.5	57/64	6.35	1/4	0.30	10.5
ULT70S	8-10	5/16-3/8	-	-	30-50	22.2-37.0	-	4700	239	9 13/32	0.95	2.1	23.5	59/64	9.5	3/8	0.35	12.3
ULT50SL	6-8	1/4-5/16	7.0-15.5	5.2-11.5	-	-	4500	-	218	8 19/52	0.83	1.8	22.5	57/64	9.5	3/8	0.20	7.0
ULT50SDL	6-8	1/4-5/16	7.0-15.5	5.2-11.5	-	-	4500	-	221	8 11/16	0.83	1.8	22.5	57/64	6.35	1/4	0.20	7.0
ULT60SL	8	5/16	13-28	9.6-20.7	-	-	5000	-	229	9 1/64	0.87	1.9	22.5	57/64	9.5	3/8	0.25	8.8
ULT60SDL	8	5/16	13-28	9.6-20.7	-	-	5000	-	232	9 9/64	0.87	1.9	22.5	57/64	6.35	1/4	0.25	8.8
ULT70SL	8-10	5/16-3/8	25-45	18.5-33.3	-	-	4400	-	239	9 13/32	0.95	2.1	23.5	59/64	9.5	3/8	0.27	9.5
ULT50C	6-8	1/4-5/16	-	-	7.0-15.5	5.2-11.5	-	4500	250	9 27/32	1.35	3.0	24.5	31/32	9.5	3/8	0.25	8.6
ULT60C	8	5/16	-	-	13-28	9.6-20.7	-	5200	261	10 9/32	1.45	3.2	24.5	31/32	9.5	3/8	0.30	10.5
ULT70C	8	5/16	-	-	20-35	14.8-25.9	-	4400	275	10 53/64	1.65	3.6	26.5	1 3/64	9.5	3/8	0.35	12.3
ULT70CH	8-10	5/16-3/8	-	-	30-50	22.2-37.0	-	2500	290	11 27/64	1.85	4.1	26.5	1 3/64	12.7	1/2	0.35	12.3
ULT50CL	6-8	1/4-5/16	7.0-15.5	5.2-11.5	-	-	4500	-	250	9 27/32	1.35	3.0	24.5	31/32	9.5	3/8	0.20	7.0
ULT60CL	8	5/16	13-28	9.6-20.7	-	-	5200	-	261	10 9/32	1.45	3.2	24.5	31/32	9.5	3/8	0.25	8.6
ULT70CL	8	5/16	20-35	14.8-25.9	-	-	4300	-	275	10 53/64	1.65	3.6	26.5	1 3/64	9.5	3/8	0.27	9.5
ULT70CHL	8-10	5/16-3/8	30-50	22.2-37.0	-	-	2300	-	290	11 27/64	1.85	4.1	26.5	1 3/64	12.7	1/2	0.27	9.5

Air Inlet Size : NPT 1/4"

Air Hose Size : 10mm×6.5mm×5m for ULT30S~50S, ULT40C~50C(L) 12mm×8.0mm×5m for ULT60S~70S, ULT60C~70C(L), and 70CH(L)