

CLES HYDROPNEUMATIQUES



OPINDUS distribue les clés hydropneumatiques de dernières générations, avec ou sans coupure.

Les clés existent en version sans fil sur batterie.

Versions avec contrôle de couple sur demande.

MAJ : 02.08
Vérif. : N.P.L
Appr. : C . P

Distribution OPINDUS



Matériel conforme à la D.E 89/392/CEE, aux Normes EN292-1 et 2, EN294

OPINDUS : 1, Rue Maurice Audibert 69800 SAINT PRIEST Tél : 04.78.21.73.14 - Fax : 04.78.21.73.01

UAT SERIES [SHUT OFF TYPE]

UAT series with high fastening accuracy are at the top in Pneumatic Tools.

Oil-Pulse Wrench with 3 advantages ; High Efficiency, High Accuracy and High Durability.



UAT40



UAT50



UAT60



UAT70



UAT80



UAT90



UAT100



UAT130



UAT150



UAT180



UAT200



UAT40S



UAT50SL



UAT60SD



UAT70S

MAJ : 02.08
Vérif. : N.P.L
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Distribution OPINDUS



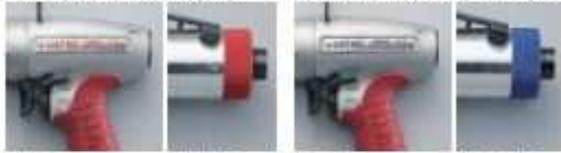
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2 types are available for different air pressure level.
They can be distinguished by colors.

Standard Type (0.5-0.6MPa)

Low Air Pressure Type (0.4-0.5MPa)

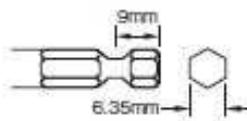


Pistol Type Straight Type Pistol Type Straight Type

*Recommended Air Pressure for UAT30 and UAT40 series is 0.4-0.5MPa.

Quick-change driver anvil type

On pulling the sleeve, insert or take off the bit.



The model name suffixing (D) is the Quick-change driver anvil type.

SPECIFICATIONS

Recommended Air Pressure : 0.4MPa (57psi) - 0.6MPa (86psi)

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	mm	in	kg	lb	mm	in	mm	in	m ³ /min	ft ³ /min	
UAT30D	4-5	No.8-No.10	2.5-5.5	1.85-4.07	2.5-5.5	1.85-4.07	3600	3800	165	6 1/2	0.88	1.94	23.5	15/16	6.35	1/4	0.30	10.5	
UAT40	5	No.10	4.5-8.0	3.3-5.9	4.5-8.0	3.3-5.9	3300	3600	162	6 3/8	0.92	2.0	24.5	31/32	9.5	3/8	0.25	8.8	
UAT40D	5	No.10	4.5-8.0	3.3-5.9	4.5-8.0	3.3-5.9	2300	3600	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	0.25	8.8
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	0.25	8.8
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	-	-	45.0-82.0	32.9-46.6	-	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	12-14	1/2	-	-	70.0-130.0	51.9-96.2	-	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
UAT150	16	5/8	-	-	140-210	102.6-156.4	-	3800	3900	240	9 29/64	2.90	6.4	38.0	1 1/2	19.0	3/4	0.70	24.6
UAT180	16-18	5/8-3/4	-	-	160-250	118.4-185.0	-	3100	3300	264	10 25/64	3.7	8.1	52.0	2 3/64	19.0	3/4	0.70	24.6
UAT200	18-20	3/4	-	-	200-400	148-296	-	2300	2400	279	10 63/64	5.00	12.76	49.5	1 31/32	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	18.5-36.5	-	-	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	80.0-125.0	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
UAT150L	14-16	9/16-5/8	110.0-170.0	81.4-125.0	-	-	3700	3800	-	240	9 29/64	2.9	6.4	38.0	1 1/2	19.0	3/4	0.50	17.6
UAT180L	16	5/8	130.0-210.0	96.2-156.4	-	-	3000	3100	-	264	10 25/64	3.7	8.1	52.0	2 3/64	19.0	3/4	0.50	17.6
UAT200L	16-18	5/8-3/4	170.0-280.0	125.8-207.2	-	-	2200	2300	-	279	10 63/64	5.00	12.76	49.5	1 31/32	19.0	3/4	0.70	24.6

Air Inlet Thread : N.P.T. 1/4" for UAT30D-UAT150(L) Air Hose Size (Inside Diameter) : 6.5mm(1/4") for UAT30D - UAT50 8.0mm(5/16") for UAT60 - UAT100
N.P.T. 3/8" for UAT180(L) 11.0mm(7/16") for UAT100L - UAT180(L) 12.7mm(1/2") for UAT200(L)

SPECIFICATIONS

Recommended Air Pressure : 0.4MPa (57psi) - 0.6MPa (86psi)

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
UAT30SD	4-5	No.8-No.10	2.5-5.5	1.85-4.07	2.5-5.5	1.85-4.07	3100	3300	3400	224	8 47/64	0.75	1.94	21.5	27/32	6.35	1/4	0.35	12.3
UAT40S	5	No.10	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	No.10	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	-	238	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 (Inside Diameter) : 6.5mm(1/4") for UAT30SD - UAT50S 8.0mm(5/16") for UAT60S - UAT70S

MAJ : 02.08
Vérif. : N.P.L
Appr. : C. P

Distribution OPINDUS



Matériel conforme à la D.E 89/392/CEE, aux Normes EN292-1 et 2, EN294

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ULT / UXR-T SERIES [SHUT OFF TYPE]

Reliable Torque Accuracy and Shut-Off will reduce the burden on the operators and raise efficiency.

UXR-T Series : Higher torque range where UAT series cannot cover.



UXR-T3000S (OUT)



ULT50C



ULT70CH

2 types are available for different air pressure level. They can be distinguished by colors.

Standard Type (0.5~0.8MPa)



Low Air Pressure Type (0.4~0.5MPa)



SPECIFICATIONS

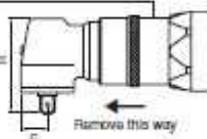
Recommended Air Pressure: 0.6MPa(95psi)

Model	Capacity (Nominal Bolt Size)		Torque Range		Free Speed (about) 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	
	mm	in	Nm	ft-lbs	0.5MPa	0.6MPa	mm	in	kg	lb	mm	in	mm	in	m ³ /min	ft ³ /min
UXR-T2400S	24	7/8	360-650	260-470	3400	3600	444	17 21/64	12.00	26.46	61.5	2 27/64	25.4	1	1.00	35.3
UXR-T3000S	30	1 1/8	450-850	330-620	4200	4400	477	18 25/32	14.50	31.97	62.0	2 7/16	25.4	1	1.05	37.1

Air Inlet Thread : NPT1/2" for UXR-T2400S & UXR-T3000S
 Air Hose Size : 12.7mm (1/2") for UXR-T2400S & UXR-T3000S
 Inside Trigger is available for UXR-T2400S & UXR-T3000S

★ To do torque adjustment...

Remove the Hammer Casing Nut and confirm you see the Relief Valve Spindle through the hole. Use Allen Wrench (1.5mm) to adjust torque. Turn the Relief Valve Spindle clockwise to increase tightening torque and anti-clockwise to decrease tightening torque. Fix the Hammer Casing Nut firmly after adjustment.



Head Sizes

Model	H		C		Model	H		C	
	mm	in	mm	in		mm	in	mm	in
ULT40C	59	2 21/64	16	5/8	ULT70C	70	2 3/4	18	45/64
ULT50C	59	2 21/64	16	5/8	ULT70CH	77	3 1/32	22	7/8
ULT60C	59	2 21/64	16	5/8					

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	
	mm	in	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
			Nm	ft-lbs	Nm	ft-lbs												
ULT40C	5	No.10	-	-	4.5-7.5	3.33-5.55	3300	3500	250	9 27/32	1.30	2.9	24.5	31/32	9.5	3/8	0.20	7.0
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	8.8
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	-	3500	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	8.8
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 : 10mmx5.5mmx5m for ULT40C-50C(L) 12mmx8.0mmx5m for ULT60C-70C(L), and 70CH(L)

MAJ : 02.08
 Vérif. : N.P.L
 Appr. : C. P

Distribution OPINDUS



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UL SERIES [NON SHUT-OFF TYPE]

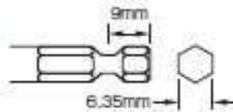
Ultralight Oil-Pulse Tool.
Reduce the burden on the operators.



Quick-change driver anvil type
On pulling the sleeve, insert or take off the bit.



The model name suffixing (D) is the Quick-change driver anvil type.



SPECIFICATIONS

Recommended Air Pressure : 0.5MPa (72psi) - 0.6MPa (85psi)

Model	Capacity (Nominal Bolt Size)		Torque Range				Free Speed (Approx.) rpm		Overall Length Less Socket or Bit (Approx.)		Weight less Socket or Bit (Approx.)		From Center to Outside (Approx.)		Sq. Drive or Hex. Size		Average Air Consumption	
			0.5MPa		0.6MPa													
	mm	in	Nm	ft-lbs	Nm	ft-lbs	mm	in	kg	lb	mm	in	mm	in	m ³ /min	ft ³ /min		
UL30	5	No.10	5.5-10.5	4.1-7.9	6-12	4.4-8.9	5400	5700	133	5 15/64	0.70	1.5	20.5	12/16	9.5	3/8	0.20	7.0
UL30D	5	No.10	5.5-10.5	4.1-7.9	6-12	4.4-8.9	5400	5700	137	5 25/64	0.70	1.5	20.5	12/16	6.35	1/4	0.20	7.0
UL40	5-6	No.10-1/4	11-20	8.1-14.8	13-22	9.6-16.3	5800	6100	133	5 15/64	0.70	1.5	20.5	12/16	9.5	3/8	0.20	7.0
UL40D	5-6	No.10-1/4	9-17	6.7-12.6	11-20	8.1-14.2	5800	6100	137	5 25/64	0.70	1.5	20.5	12/16	6.35	1/4	0.20	7.0
UL50	6-8	1/4-5/16	20-32	14.8-23.7	22-35	16.3-25.9	6100	6400	140	5 33/64	0.77	1.7	22.0	55/64	9.5	3/8	0.30	10.5
UL50D	6-8	1/4-5/16	16-25	11.8-18.5	18-28	13.3-20.7	6100	6400	146	5 3/4	0.77	1.7	22.0	55/64	6.35	1/4	0.30	10.5
UL60	8	5/16	30-45	22.2-33.3	32-50	23.7-37.0	6700	7000	140	5 33/64	0.82	1.8	22.0	55/64	9.5	3/8	0.40	14.0
UL60D	8	5/16	20-32	14.8-23.7	22-35	16.3-25.9	6700	7000	143	5 5/8	0.82	1.8	22.0	55/64	6.35	1/4	0.40	14.0
UL70	8-10	5/16-3/8	36-60	26.6-44.4	40-65	29.6-48.1	5400	5700	153	6 1/22	0.95	2.1	23.0	29/32	9.5	3/8	0.45	15.8
* UL80	10-12	3/8-1/2	40-55	29.6-40.7	45-70	33.3-50.0	5600	5900	162	6 3/8	1.15	2.5	26.0	1 1/32	9.5	3/8	0.48	16.8
UL90	10-12	3/8-1/2	55-90	40.7-66.6	60-100	44.4-74.0	5700	6000	170	6 11/16	1.30	2.9	27.0	1 1/16	12.7	1/2	0.53	18.6
UL100	12-14	1/2	72-120	53.3-88.8	80-130	59.2-96.2	5100	5400	177	6 31/32	1.66	3.7	29.5	1 5/32	12.7	1/2	0.58	20.3
UL130	14	9/16	90-145	66.6-107.3	100-160	74.0-118.4	4200	4400	197	7 3/4	2.30	5.1	32.0	1 17/64	12.7	1/2	0.66	22.7
UL150	16	5/8	135-210	99.6-154.7	150-230	109.9-169.6	3500	3800	213	8 25/64	3.00	6.6	36.0	1 27/64	19.0	3/4	0.70	24.7
UL30S	5	No.10	5.5-10.5	4.1-7.9	6-12	4.4-8.9	4700	5000	205	8 5/64	0.62	1.4	20.5	51/64	9.5	3/8	0.23	8.1
UL30SD	5	No.10	5.5-10.5	4.1-7.9	6-12	4.4-8.9	4700	5000	209	8 15/64	0.62	1.4	20.5	51/64	6.35	1/4	0.23	8.1
UL40S	5-6	No.10-1/4	11-20	8.1-14.8	11-22	8.1-16.3	4700	5000	205	8 5/64	0.62	1.4	20.5	51/64	9.5	3/8	0.23	8.1
UL40SD	5-6	No.10-1/4	9-17	6.7-12.6	9-20	6.7-14.8	4700	5000	209	8 15/64	0.62	1.4	20.5	51/64	6.35	1/4	0.23	8.1
UL50S	6-8	1/4-5/16	20-32	14.8-23.7	22-35	16.3-25.9	6100	6400	208	8 3/16	0.74	1.6	22.0	7/8	9.5	3/8	0.35	12.3
UL50SD	6-8	1/4-5/16	16-25	11.8-18.5	18-28	13.3-20.7	6100	6400	214	8 27/64	0.74	1.6	22.0	7/8	6.35	1/4	0.35	12.3
UL60S	8	5/16	30-45	22.2-33.3	32-50	23.7-37.0	6400	6700	209	8 15/64	0.77	1.7	22.0	7/8	9.5	3/8	0.45	15.8
UL60SD	8	5/16	20-32	14.8-23.7	22-35	16.3-25.9	6400	6700	212	8 11/32	0.77	1.7	22.0	7/8	6.35	1/4	0.45	15.8
UL70S	8-10	5/16-3/8	36-60	26.6-44.4	36-60	26.6-44.4	5100	5400	223	8 25/32	0.87	1.9	23.5	59/64	9.5	3/8	0.40	14

Air Inlet Size : NPT 1/4"

Air Hose Size : 10mmx6.5mmx5m for UL30-50 12mmx6.0mmx5m for UL60-150

Air Hose Size : 10mmx6.5mmx5m for UL30S-50S 12mmx6.0mmx5m for UL60S-70S

*Please refrain from using UL80 at around max. torque as it is developed to aim at torque output between UL70 & UL90.

MAJ : 02.08
Vérif. : N.P.L
Appr. : C . P

Distribution OPINDUS



Matériel conforme à la D.E 89/392/CEE, aux Normes EN292-1 et 2, EN294

OPINDUS : 1, Rue Maurice Audibert 69800 SAINT PRIEST Tél : 04.78.21.73.14 - Fax : 04.78.21.73.01

UDBP SERIES [SHUT-OFF TYPE / NON SHUT-OFF TYPE]

High efficient brushless IPM motor has achieved the low reaction force, low vibration and low noise.

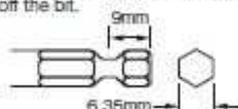


FEATURES

- The pulse unit is connected to the motor unit directly, not through a gear train. This has reduced the noise, vibration, and reaction force against the operator.
- Built-in brushless IPM motor has greatly prolonged the motor longevity, and enabled you to tighten more fasteners than the conventional motor per battery charge.
- Neither the air compressors nor the air hoses are required. It allows the comfortable fastening operations inside narrow or closed work places, and easy layout change of production lines.
- Longevity of Lithium-ion Battery is not affected by repeated recharging after being only partially discharged. It also helps to reduce the tool weight.
- The built-in LED turns on when a tool is triggered. It helps you to install fasteners in dark areas.
- New technology "Auto Relief Function" (PAT.) is employed.

Quick-change driver anvil type

On pulling the sleeve, insert or take off the bit.



Optional Accessories (Battery, Charger, Protector & Jacket) -> P.18

The model name not suffixing (P) is the Quick-change driver anvil type.

Specifications (Shut off Type)

Model	Capacity (Nominal Bolt Size)		Torque Range		Free Speed (Approx.)	Overall Length less Socket or Bit (Approx.)		Weight less Socket or Bit				From Center to Outside (Approx.)		Sq. Drive or Hex. Size		Battery Voltage (Capacity)	Battery Model Number
	mm	in	Nm	ft-lbs		rpm	mm	in	with battery		with no battery		mm	in	mm		
					kg				lb	kg	lb						
UDBP-TA40	5	No.10	4.5-8	3.3-5.9	4800	208	8 3/16	1.4	3.08	1.11	2.44	29.5	1 5/32	6.35Hex.	1/4Hex.	11.1V(1.5Ah)	UB111LJ
UDBP-TA40(P)	5	No.10	4.5-8	3.3-5.9	4800	205	8 5/64	1.4	3.08	1.11	2.44	29.5	1 5/32	9.5 sq.	3/8 sq.	11.1V(1.5Ah)	UB111LJ
UDBP-TA50	6-8	1/4-5/16	6.5-13	4.8-9.6	4800	208	8 3/16	1.4	3.08	1.11	2.44	29.5	1 5/32	6.35Hex.	1/4Hex.	11.1V(1.5Ah)	UB111LJ
UDBP-TA50(P)	6-8	1/4-5/16	7-15	5.1-11.1	4800	205	8 5/64	1.4	3.08	1.11	2.44	29.5	1 5/32	9.5 sq.	3/8 sq.	11.1V(1.5Ah)	UB111LJ
UDBP-TA60	8	5/16	13-26	9.6-19.2	4800	223	8 25/32	1.7	3.74	1.25	2.75	29.5	1 5/32	6.35Hex.	1/4Hex.	22.2V(1.5Ah)	UB222LJ
UDBP-TA60(P)	8	5/16	15-28	11.1-20.7	4800	220	8 11/16	1.7	3.74	1.25	2.75	29.5	1 5/32	9.5 sq.	3/8 sq.	22.2V(1.5Ah)	UB222LJ
UDBP-TA70(P)	8-10	5/16-13/32	20-47	19.2-34.7	4800	234	9 7/32	2.0	4.4	1.29	3.06	29.5	1 5/32	9.5 sq.	3/8 sq.	33.2V(1.5Ah)	UB333LJ

Specifications (Non Shut off Type)

Model	Capacity (Nominal Bolt Size)		Torque Range		Free Speed (Approx.)	Overall Length less Socket or Bit (Approx.)		Weight less Socket or Bit				From Center to Outside (Approx.)		Sq. Drive or Hex. Size		Battery Voltage (Capacity)	Battery Model Number
	mm	in	Nm	ft-lbs		rpm	mm	in	with battery		with no battery		mm	in	mm		
					kg				lb	kg	lb						
UDBP-A50	6-8	1/4-5/16	8-17	5.9-12.6	5300	208	7 63/64	1.4	3.08	1.11	2.44	29.5	1 5/32	6.35Hex.	1/4Hex.	11.1V(1.5Ah)	UB111LJ
UDBP-A50(P)	6-8	1/4-5/16	11-20	8.1-14.8	5300	200	7 7/8	1.4	3.08	1.11	2.44	29.5	1 5/32	9.5 sq.	3/8 sq.	11.1V(1.5Ah)	UB111LJ
UDBP-A60	8-10	5/16-13/32	17-30	12.6-22.2	4800	218	8 37/64	1.7	3.74	1.25	2.75	29.5	1 5/32	6.35Hex.	1/4Hex.	22.2V(1.5Ah)	UB222LJ
UDBP-A60(P)	8-10	5/16-13/32	20-32	14.9-23.7	4800	215	8 15/32	1.7	3.74	1.25	2.75	29.5	1 5/32	9.5 sq.	3/8 sq.	22.2V(1.5Ah)	UB222LJ

(P) = Square Anvil Type

MAJ : 02.08
Vérif. : N.P.L
Appr. : C . P

Distribution OPINDUS



Matériel conforme à la D.E 89/392/CEE, aux Normes EN292-1 et 2, EN294

OPINDUS : 1, Rue Maurice Audibert 69800 SAINT PRIEST Tél : 04.78.21.73.14 - Fax : 04.78.21.73.01

UDBP-AF SERIES

The most advanced battery oil pulse tool with the torque control and angle monitor functions.



Display type



Wireless type (ZigBee)

Note: To use or sell ZigBee type, please make sure that there is a certification for the tool from Certification Authority in your country and strictly follow the Radio Act. For more information, please contact your nearest distributor.

FEATURES

- Torque & Angle sensor : Newly developed sensor is incorporated. (Please refer to P.9 for details.)
(Non-contact strain gauge sensor : Torque measurement 0.1Nm unit)
(Encoder : Angle measurement 1 degree unit)
- Tool is driven by the lithium-ion battery, and thus its longevity is not affected by repeated recharging after being only partially discharged and it helps to reduce a weight of tool.
(Battery power indicator LED is incorporated. GREEN : OK. YELLOW : Recharging needed. RED : Immediate recharging needed)
- New technology "Auto Relief Function"(PAT) is incorporated.
- Controller is integrated into a tool.
- High-accurate fastening is achieved by setting motor speed and motor power.
(Motor speed is settable per 100 rpm increments from 1,000 to 4,800 rpm per work condition. Motor power can be set in 2 steps from 4 values.)
- Double-hit, cross thread and foreign object inserted can be detected by monitoring the angle. It upgrades the quality of your fastening.

(Display type)

- You can quickly check fastening results such as torque, angle, fastening time, pulse number and various errors in a display placed on the rear part of a tool.
- Maximum 10,000 pcs. of fastening data can be memorized.

(Wireless type – ZigBee)

- Mesh network "ZigBee" has the capability to communicate without interruption.
- Fastening results, torque & angle wave data are transmitted through ZigBee master set to UEC-4800(SD) or the upper server system.



Display on the rear part of a tool

MAJ : 02.08
Vérif. : N.P.L
Appr. : C . P

Distribution OPINDUS



Matériel conforme à la D.E 89/392/CEE, aux Normes EN292-1 et 2, EN294

OPINDUS : 1, Rue Maurice Audibert 69800 SAINT PRIEST Tél : 04.78.21.73.14 - Fax : 04.78.21.73.01

Display Type

Model	Capacity (Nominal Bolt Size)		Torque Range		Free Speed (Approx.)	Overall Length less Socket or Bit (Approx.)		Weight less Socket or Bit				From Center to Outside (Approx.)		Sq. Drive or Hex. Size	
	mm	in	Nm	ft-lbs		rpm	mm	in	with battery		with no battery		mm	in	mm
					kg				lb	kg	lb				
UDBP-AF50	5 - 6	No.10 - 1/4	5 - 15	3.7 - 11.1	4800	229.5	9 1/32	1.88	4.10	1.59	3.50	29.5	1 5/32	6.35 Hex.	1/4 Hex.
UDBP-AF50(P)	5 - 6	No.10 - 1/4	5 - 15	3.7 - 11.1	4800	226.5	8 59/64	1.88	4.10	1.59	3.50	29.5	1 5/32	9.5 Sq.	3/8 Sq.
UDBP-AF60	6 - 8	1/4 - 5/16	8 - 25	5.9 - 18.4	4800	243.5	9 19/32	2.06	4.49	1.68	3.70	29.5	1 5/32	6.35 Hex.	1/4 Hex.
UDBP-AF60(P)	6 - 8	1/4 - 5/16	8 - 25	5.9 - 18.4	4800	240.5	9 15/32	2.06	4.49	1.68	3.70	29.5	1 5/32	9.5 Sq.	3/8 Sq.
UDBP-AF70(P)	8 - 10	5/16 - 3/8	15 - 45	11.1 - 33.3	4800	254.5	10 1/64	2.41	5.30	1.91	4.20	29.5	1 5/32	9.5 Sq.	3/8 Sq.

(P) = Square Anvil type

Wireless type (ZigBee)

Model	Capacity (Nominal Bolt Size)		Torque Range		Free Speed (Approx.)	Overall Length less Socket or Bit (Approx.)		Weight less Socket or Bit				From Center to Outside (Approx.)		Sq. Drive or Hex. Size	
	mm	in	Nm	ft-lbs		rpm	mm	in	with battery		with no battery		mm	in	mm
					kg				lb	kg	lb				
UDBP-AF50Z	5 - 6	No.10 - 1/4	5 - 15	3.7 - 11.1	4800	229.5	9 1/32	1.88	4.10	1.59	3.50	29.5	1 5/32	6.35 Hex.	1/4 Hex.
UDBP-AF50Z(P)	5 - 6	No.10 - 1/4	5 - 15	3.7 - 11.1	4800	226.5	8 59/64	1.88	4.10	1.59	3.50	29.5	1 5/32	9.5 Sq.	3/8 Sq.
UDBP-AF60Z	6 - 8	1/4 - 5/16	8 - 25	5.9 - 18.4	4800	243.5	9 19/32	2.06	4.49	1.68	3.70	29.5	1 5/32	6.35 Hex.	1/4 Hex.
UDBP-AF60Z(P)	6 - 8	1/4 - 5/16	8 - 25	5.9 - 18.4	4800	240.5	9 15/32	2.06	4.49	1.68	3.70	29.5	1 5/32	9.5 Sq.	3/8 Sq.
UDBP-AF70Z(P)	8 - 10	5/16 - 3/8	15 - 45	11.1 - 33.3	4800	254.5	10 1/64	2.41	5.30	1.91	4.20	29.5	1 5/32	9.5 Sq.	3/8 Sq.

(P) = Square Anvil type

Display type

Body Jacket
Part Number: 863-991-1



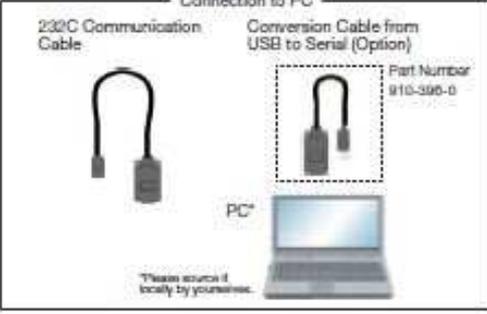
232C Communication Cable
Part Number: 910-395-0



Connection to PC

232C Communication Cable

Conversion Cable from USB to Serial (Option)
Part Number: 910-396-0



PC*

*Please source it locally by yourselves.

UDBP-AF60(P) / 60



Quick-change driver anvil type

Setting Key Box UDBP-AFSET (Option)
Part Number: 863-994-1



Battery Protector (Option)



Battery : Panasonic
 UDBP-AF50 series DC10.8V [EYFB30/32]
 UDBP-AF60 series DC14.4V [EYFB41/42]
 UDBP-AF70 series DC18.0V [EYFB50]
Charger : Panasonic [EY0LB2]



(note) 1 pc. of Charger and 2 pcs. of Battery are included in a set, UDBP-AF series STAINLESS. They cannot be sold separately from us. Please procure them from the local supplier of Panasonic products in your country when you need them separately.

Wireless type (ZigBee)

Body Jacket
*same with Display type



ZigBee Specifications

1. Frequency: 2.4GHz (2.405-2.483Hz 16ch)
2. Output: 10mW
3. Modulation and communication system: Offset phase orthogonal modulation system
4. Spread system: Direct spread spectrum communication system
5. Communication distance: Radius 20 meter (approx.)
6. ID Setting: 7 bit Dip switch (128 ways)

UCC-100Z
(ZigBee Coordinator built in)

UEC-4800(SD)

UEC-6500



UDBP-AF60Z(P) / 60Z



Quick-change driver anvil type

ZigBee Wireless Module (Receiver)
Part Number: 910-391-0



AC Adaptor
Part Number: 910-393-0

ZigBee Communication Cable (Option)



Battery : Panasonic
 UDBP-AF50 series DC10.8V [EYFB30/32]
 UDBP-AF60 series DC14.4V [EYFB41/42]
 UDBP-AF70 series DC18.0V [EYFB50]
Charger : Panasonic [EY0LB2]



(note) 1 pc. of Charger and 2 pcs. of Battery are included in a set, UDBP-AF series STAINLESS. They cannot be sold separately from us. Please procure them from the local supplier of Panasonic products in your country when you need them separately.

MAJ : 02.08
Vérif. : N.P.L
Appr. : C. P

Distribution OPINDUS



Matériel conforme à la D.E 89/392/CEE, aux Normes EN292-1 et 2, EN294

OPINDUS : 1, Rue Maurice Audibert 69800 SAINT PRIEST Tél : 04.78.21.73.14 - Fax : 04.78.21.73.01