

Du-Pas®

INDUSTRIAL POWER TOOLS

TRANMAX started to develop the assembly line tools in 2005. Du-pas is the brand we use for our assembly tools. The idea of "Du-pas" brand comes from the goal of quality we set for all TRANMAX manufactured products, "Durability Passed", it also symbolizes Du-pas products are reliable.



INDUSTRIAL POWER TOOLS

Du-Pas®

ISO-9001 CERTIFICATED



TRANMAX
Tranmax Machinery

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TRANMAX
Tranmax Machinery

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► About Tranmax



Established in 1985, Tranmax Machinery Co., Ltd. has devoted itself to manufacturing and exporting high quality pneumatic tools for professional applications. 30 years of rich experience in developing Impact Wrenches, Ratchet Wrenches, Screwdrivers, Sanders, Grinders, Drills, etc. has successfully earned popularity and a sound reputation in world-wide markets, especially in Germany, Holland, France, Italy, England and the United States. New innovations and improvements are persistently made to meet market trends and demands. Reliable products and customer satisfaction are what we always pursue. We welcome you to develop a mutually profitable relationship with us on a long-term basis.



►► ISO 9001:2015 Certificate

Industrial Assembly Tools



► All Du-pas® Tools are CE certified.

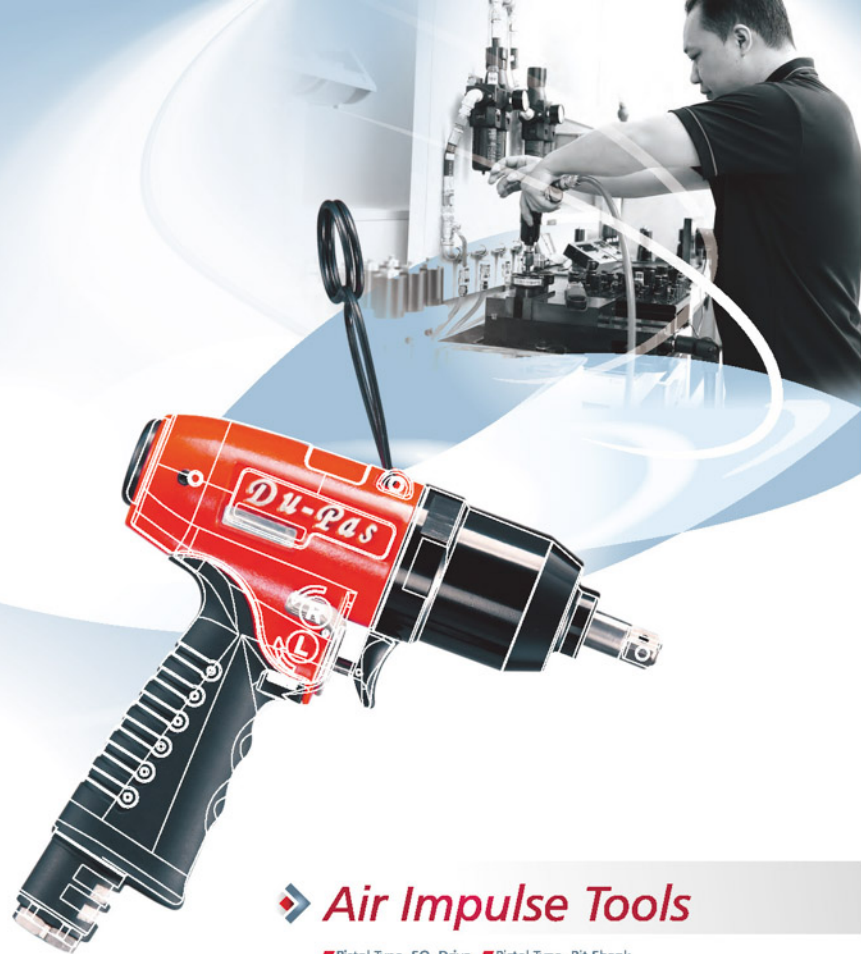


►► Air Impulse Tools



►► Industrial Cordless Tools





Air Impulse Tools

-  Pistol Type- SQ. Drive
  Pistol Type- Bit Shank
-  Straight Type- SQ. Drive
  Straight Type- Bit Shank
-  Angle Type- SQ. Drive
  Angle Type- Bit Shank
-  Sleeve Drive Sockets & Impulse Oil

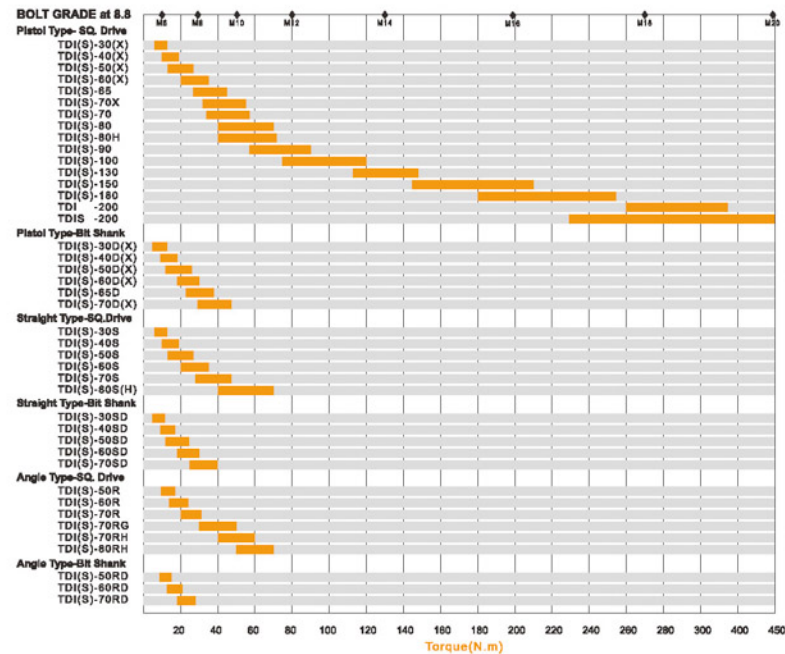
TIGHTENING TORQUE (N.m)

This table shows the recommended tightening torque for common bolt size M2 to M48. According to ISO 898-1.

Bolt Size	Bolt Grade							Bolt Size	Bolt Grade					
mm	3.0	4.6	4.8	5.8	8.8	10.9	12.9	mm	4.6	4.8	5.8	8.8	10.9	12.9
M2	0.10	0.13	0.17	0.22	0.35	0.49	0.58	M18	103	121	172	275	386	463
M3	0.35	0.46	0.61	0.77	1.20	1.70	2.10	M20	144	170	240	385	541	649
M4	0.81	1.10	1.40	1.80	2.90	4.00	4.90	M22	194	230	324	518	728	874
M5	0.60	2.20	2.95	3.60	5.70	8.10	9.70	M24	249	295	416	665	935	1120
M6	2.80	3.70	4.90	6.10	9.80	14.0	17.0	M27	360	435	600	961	1350	1620
M8		8.9	10.5	15	24	33	40	M30	492	590	819	1310	1840	2210
M10		17	21	29	47	65	79	M36	855	1030	1420	2280	3210	3850
M12		30	36	51	81	114	136	M42	1360		2270	3640	5110	6140
M14		48	58	80	128	181	217	M45	1690		2820	4510	6340	7610
M16		74	88	123	197	277	333	M48	2040		3400	5450	7660	9190

TORQUE RANGE REFERENCE

Torque is a very important reference value while choosing a right tool for tightening. Due to nut sizes, joint types, air pressure and working environment, the actual tightening torque may vary. The table below is only for a reference to choose the right tool. When the working torque is at the mean value of the torque range, the tool provides the best performance.

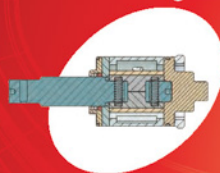
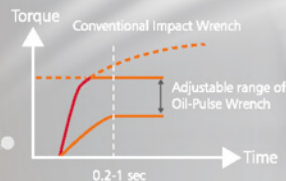


Highlights

Air Impulse Tools



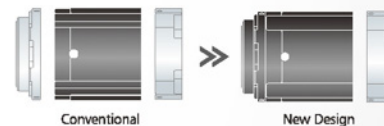
Twin Drive Blades reduce noise and vibration and increase impulse frequency



X-Shape Sealing improves better repeatability

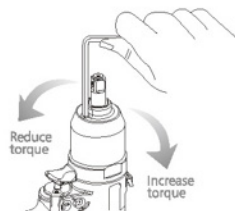


One hand reverse operation for Right or Left handed operators



Unibodied Front End Plate & Cylinder advance the Motor Efficiency

Easy Torque Adjustment



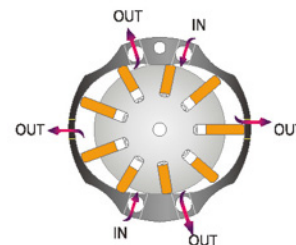
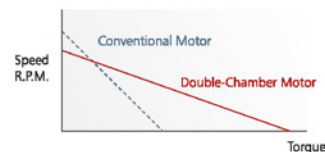
The desired torque can be easily adjusted by turning the adjusting screw through the hole on the pulse unit housing.

360° revolving low noise exhaust device

Handle Rubber Injection: designed ergonomically for operation comfortable

Double-Chamber Motor

A smart design of a dual air motor for impulse wrenches. The double chamber air motor reaches the required torque quickly that increases work efficiency.



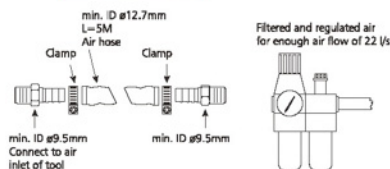
Pistol Type- SQ. Drive

-3/4" Impulse Wrenches-

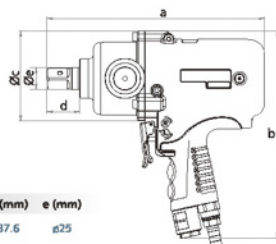


Light Weight:
4.25 kgs
Max. Torque:
450 N.m

TDI-200
TDS-200



Filtered and regulated air
for enough air flow of 22 l/s



Dimensions

Model	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
TDI(S)-200	250.1	239.3	ø110	37.6	ø25

Non shut-off

Model	SQ Drive mm(*)	Bolt Capacity	Torque Range 5-6kg/cm² N.m (ft-lb)	Free Speed 5kg/cm² 6kg/cm²	Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption m³/min ft³/min	Hose Size mm
TDI-200	19(3/4")	M18-M20	260-385(191-283)	2800 3000	4.2	251	88	1.38 48.78	12.7

Air Inlet size : 3/8"(9.5mm)

Recommended Air Pressure: 70-85 PSI(5kg/cm²~6kg/cm²) / 0.5MPa~0.6MPa

To be sure that the hose size and the nipple are used as recommended, or the tool performance would not be as expected.

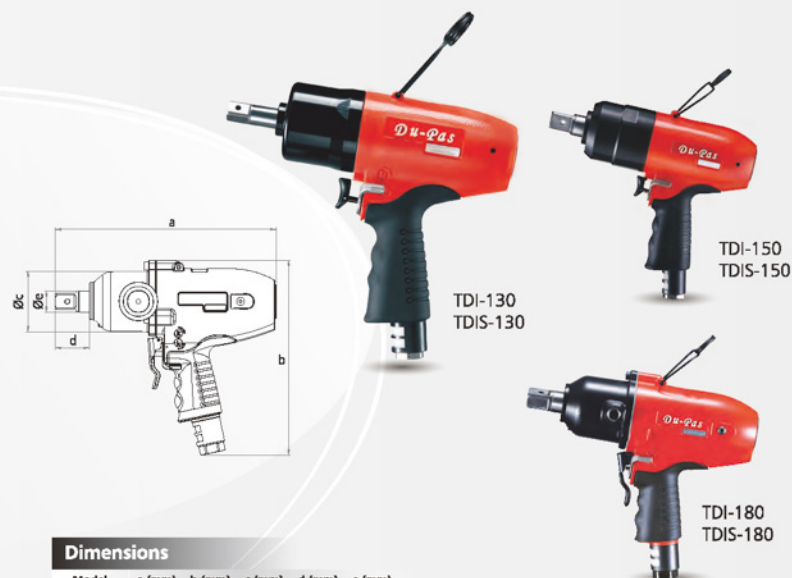
Auto shut-off

Model	SQ Drive mm(*)	Bolt Capacity	Torque Range 6-7kg/cm² N.m (ft-lb)	Free Speed 6kg/cm² 7kg/cm²	Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption m³/min ft³/min	Hose Size mm
TDIS-200	19(3/4")	M18-M20	230-450(170-332)	3000 3100	4.25	251	88	1.38 48.78	12.7

Air Inlet size : 3/8"(9.5mm)

Recommended Air Pressure: 85-100 PSI(6kg/cm²~7kg/cm²) / 0.6MPa~0.7MPa

To be sure that the hose size and the nipple are used as recommended, or the tool performance would not be as expected.



TDI-130
TDS-130

TDI-150
TDS-150

TDI-180
TDS-180

Dimensions

Model	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
TDI(S)-130	216	204	ø64	31	ø16
TDI(S)-150	239	215	ø72	40	ø25
TDI(S)-180	264	232	ø78	41	ø25

Non shut-off

Model	SQ Drive mm(*)	Bolt Capacity	Torque Range 5-6kg/cm² N.m (ft-lb)	Free Speed 5kg/cm² 6kg/cm²	Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption m³/min ft³/min	Hose Size mm
TDI-130	12.7(1/2")	M14-M16	113-148(83.2-109)	3300 3600	2.22	216	86	0.73 25.6	11
TDI-150	19(3/4")	M16	145-210(106.8-154.6)	3500 3700	3.05	238	86	0.73 25.6	11
TDI-180	19(3/4")	M16-M18	180-255(132-188)	2500 2700	3.8	264	86	0.73 25.6	11

Auto shut-off

Model	SQ Drive mm(*)	Bolt Capacity	Torque Range 6-7kg/cm² N.m (ft-lb)	Free Speed 6kg/cm² 7kg/cm²	Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption m³/min ft³/min	Hose Size mm
TDIS-130	12.7(1/2")	M14-M16	113-148(83.2-109)	3300 3600	2.26	216	86	0.73 25.6	11
TDIS-150	19(3/4")	M16	145-210(106.8-154.6)	3500 3700	3.10	238	86	0.73 25.6	11
TDIS-180	19(3/4")	M16-M18	180-255(132-188)	2500 2700	3.9	264	86	0.73 25.6	11

Air Inlet : TDI(S)-30~150 : 1/4" TDI(S)-180 : 3/8"

Recommended Air Pressure : 70~85 PSI(5kg/cm²~6kg/cm²) / 0.5MPa~0.6MPa

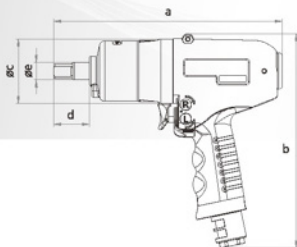
Air Hose Size : 10mmx6.5mmx5m for TDI(S)-30~50 12mmx8mmx5m for TDI(S)-60~100 16mmx11mmx5m for TDI(S)-130~180

Pistol Type- SQ. Drive

-Air Impulse Tools-



TDI-90
TDIS-90



TDI-80(H)
TDIS-80(H)



TDI-100
TDIS-100

Dimensions

Model	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
TDI(S)-80	194	170	ø47	25	ø12
TDI(S)-80H	200	170	ø47	31	ø16
TDI(S)-90	200	192	ø53.5	31	ø16
TDI(S)-100	209	195	ø59	32	ø16

Non shut-off

Model	SQ Drive	Bolt Capacity	Torque Range		Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(°)		N.m (ft-lb)	5-6kg/cm²	5kg/cm²	6kg/cm²				m³/min	ft³/min	
TDI-65	9.5(3/8")	M10	27-45(19.8-33.1)	4500	4800	1.05	189	82	0.43	15.2	8	8
TDI-70X	9.5(3/8")	M10-M12	32-55(23.5-40.5)	5200	5400	1.05	189	82	0.45	15.9	8	8
TDI-70	9.5(3/8")	M10-M12	34-57(25-42)	6900	7200	1.33	194	82	0.45	15.9	8	8

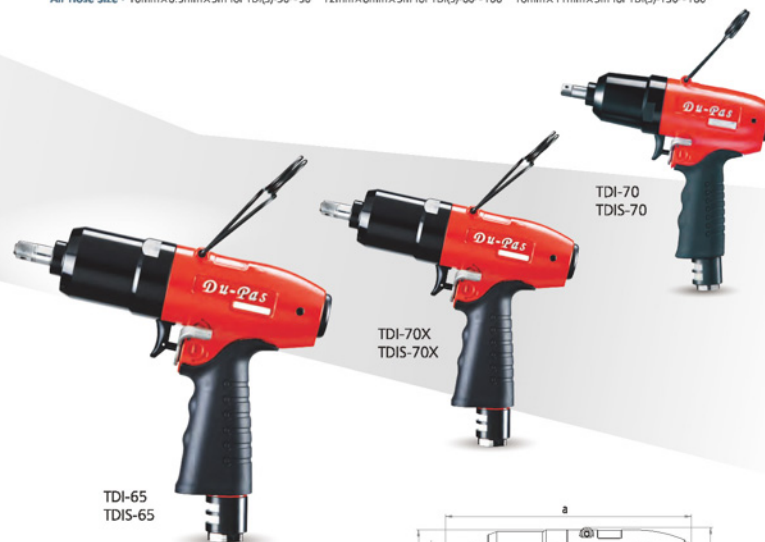
Auto shut-off

Model	SQ Drive	Bolt Capacity	Torque Range		Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(°)		N.m (ft-lb)	5-6kg/cm²	5kg/cm²	6kg/cm²				m³/min	ft³/min	
TDIS-65	9.5(3/8")	M10	27-45(19.8-33.1)	4500	4800	1.08	189	82	0.43	15.2	8	8
TDIS-70X	9.5(3/8")	M10-M12	32-55(23.5-40.5)	5200	5400	1.08	189	82	0.45	15.9	8	8
TDIS-70	9.5(3/8")	M10-M12	34-57(25-42)	6900	7200	1.35	194	82	0.45	15.9	8	8

Air Inlet : TDI(S)-30~150 : 1/4" TDI(S)-180 : 3/8"

Recommended Air Pressure : 70~85PSI(5kg/cm²~6kg/cm²) / 0.5MPa~0.6MPa

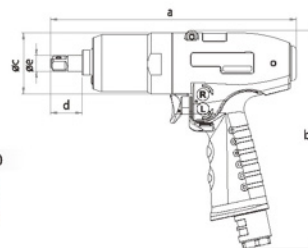
Air Hose Size : 10mm×6.5mm×5m for TDI(S)-30~50 12mm×8mm×5m for TDI(S)-60~100 16mm×11mm×5m for TDI(S)-130~180



TDI-65
TDIS-65

TDI-70X
TDIS-70X

TDI-70
TDIS-70



Non shut-off

Model	SQ Drive	Bolt Capacity	Torque Range		Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(°)		N.m (ft-lb)	5-6kg/cm²	5kg/cm²	6kg/cm²				m³/min	ft³/min	
TDI-80	9.5(3/8")	M10-M12	40-70(29.5-51.5)	4800	5100	1.19	194	82	0.5	17.6	8	8
TDI-80H	12.7(1/2")	M10-M12	40-70(29.5-51.5)	4800	5100	1.25	200	82	0.5	17.6	8	8
TDI-90	12.7(1/2")	M12	57-90(42-66.3)	5000	5400	1.53	200	83	0.53	18.7	8	8
TDI-100	12.7(1/2")	M12-M14	75-120(55.2-88.4)	5000	5300	1.85	209	84	0.53	19.4	8	8

Auto shut-off

Model	SQ Drive	Bolt Capacity	Torque Range		Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(°)		N.m (ft-lb)	5-6kg/cm²	5kg/cm²	6kg/cm²				m³/min	ft³/min	
TDIS-80	9.5(3/8")	M10-M12	40-70(29.5-51.5)	4800	5100	1.21	194	82	0.5	17.6	8	8
TDIS-80H	12.7(1/2")	M10-M12	40-70(29.5-51.5)	4800	5100	1.27	200	82	0.5	17.6	8	8
TDIS-90	12.7(1/2")	M12	57-90(42-66.3)	5000	5400	1.55	200	83	0.53	18.7	8	8
TDIS-100	12.7(1/2")	M12-M14	75-120(55.2-88.4)	5000	5300	1.87	209	84	0.53	19.4	8	8

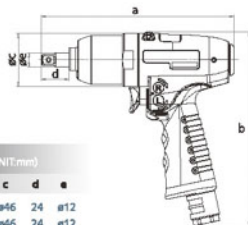
Air Inlet : TDI(S)-30~150 : 1/4" TDI(S)-180 : 3/8"

Recommended Air Pressure : 70~85 PSI(5kg/cm²~6kg/cm²) / 0.5MPa~0.6MPa

Air Hose Size : 10mm×6.5mm×5m for TDI(S)-30~50 12mm×8mm×5m for TDI(S)-60~100 16mm×11mm×5m for TDI(S)-130~180

Pistol Type- SQ. Drive

-Air Impulse Tools-



Dimensions (UNIT:mm)

Model	a	b	c	d	e
TDI(S)-30	167	168	ø46	24	ø12
TDI(S)-40	167	168	ø46	24	ø12
TDI(S)-50	167	168	ø46	24	ø12
TDI(S)-60	178	168	ø46	24	ø12

Dimensions (UNIT:mm)

Model	a	b	c	d	e
TDI-30X	136	168	ø46	24	ø12
TDI-40X	136	168	ø46	24	ø12
TDI-50X	136	168	ø46	24	ø12
TDI-60X	147	168	ø46	24	ø12



TDI-30-40
TDIS-30-40



TDI-50
TDIS-50



TDI-30X
TDI-40X
TDI-50X
TDI-60X

TDI-60
TDIS-60

■ Non shut-off

Model	SQ Drive mm(°)	Bolt Capacity	Torque Range 5-6kg/cm ² N.m (ft-lb)	Free Speed 5kg/cm ² 6kg/cm ² kg	Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption m ³ /min ft ³ /min	Hose Size mm
TDI-30	9.5(3/8")	M6	6.5-13(4.8-9.6)	4300 4600	0.87	167	78	0.25 8.8	6.5
TDI-30X	9.5(3/8")	M6	6.5-13(4.8-9.6)	4300 4600	0.72	141	78	0.25 8.8	6.5
TDI-40	9.5(3/8")	M6-M8	10-19(7.4-14)	4300 4600	0.9	167	78	0.25 8.8	6.5
TDI-40X	9.5(3/8")	M6-M8	10-19(7.4-14)	4300 4600	0.74	141	78	0.25 8.8	6.5
TDI-50	9.5(3/8")	M8	14-28(10.4-20.7)	6800 7200	0.9	167	80	0.35 12.3	6.5
TDI-50X	9.5(3/8")	M8	14-28(10.4-20.7)	6800 7200	0.74	141	80	0.35 12.3	6.5
TDI-60	9.5(3/8")	M8-M10	20-35(14.7-25.8)	5900 6200	0.97	178	82	0.4 14.1	8
TDI-60X	9.5(3/8")	M8-M10	20-35(14.7-25.8)	5900 6200	0.8	152	82	0.4 14.1	8

■ Auto shut-off

Model	SQ Drive mm(°)	Bolt Capacity	Torque Range 5-6kg/cm ² N.m (ft-lb)	Free Speed 5kg/cm ² 6kg/cm ² kg	Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption m ³ /min ft ³ /min	Hose Size mm
TDIS-30	9.5(3/8")	M6	6.5-13(4.8-9.6)	4300 4600	0.89	167	78	0.25 8.8	6.5
TDIS-40	9.5(3/8")	M6-M8	10-19(7.4-14)	4300 4600	0.92	167	78	0.25 8.8	6.5
TDIS-50	9.5(3/8")	M8	14-28(10.4-20.7)	6800 7200	0.92	167	80	0.35 12.3	6.5
TDIS-60	9.5(3/8")	M8-M10	20-35(14.7-25.8)	5900 6200	1.0	178	82	0.4 14.1	8

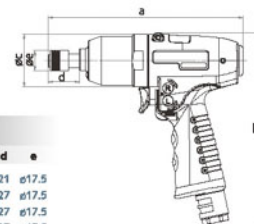
Air Inlet : TDI(S)-30~150 : 1/4" TDI(S)-180 : 3/8"

Recommended Air Pressure : 70~85 PSI(5kg/cm²~6kg/cm²) / 0.5MPa~0.6MPa

Air Hose Size : 10mm×6.5mm×5m for TDI(S)-30~50 12mm×8mm×5m for TDI(S)-60~100 16mm×11mm×5m for TDI(S)-130~180

Pistol Type- Bit Shank

-Air Impulse Tools-



Dimensions (UNIT:mm)

Model	a	b	c	d	e
TDI(S)-30D	163	168	ø46	21	ø17.5
TDI(S)-40D	170	168	ø46	27	ø17.5
TDI(S)-50D	170	168	ø46	27	ø17.5
TDI(S)-60D	181	168	ø46	27	ø17.5
TDI(S)-65D	192	170	ø47	28	ø19
TDI(S)-70D	197	192	ø53.5	28	ø19

Dimensions (UNIT:mm)

Model	a	b	c	d	e
TDI-30DX	133	168	ø46	21	ø17.5
TDI-40DX	139	168	ø46	27	ø17.5
TDI-50DX	139	168	ø46	27	ø17.5
TDI-60DX	150	168	ø46	27	ø17.5
TDI-70DX	192	170	ø47	28	ø19
TDIS-70DX	192	170	ø47	28	ø19



TDI-30D-40D
TDIS-30D-40D



TDI-50D-60D
TDIS-50D-60D



TDI-65D
TDIS-65D



TDI-30DX
TDI-40DX
TDI-50DX
TDI-60DX
TDI-70DX
TDIS-70DX

■ Non shut-off

Model	Hex Size mm(°)	Bolt Capacity	Torque Range 5-6kg/cm ² N.m (ft-lb)	Bit Shank mm	Free Speed 5kg/cm ² 6kg/cm ² kg	Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption m ³ /min ft ³ /min	Hose Size mm
TDI-30D	6.35(1/4")	M6	5.5-13(4.1-9.6)	9	4300 4600	0.87	163	78	0.25 8.8	6.5
TDI-30DX	6.35(1/4")	M6	5.5-13(4.1-9.6)	9	4300 4600	0.72	137	78	0.25 8.8	6.5
TDI-40D	6.35(1/4")	M6-M8	9-18(6.6-13.3)	9	4300 4600	0.9	170	78	0.25 8.8	6.5
TDI-40DX	6.35(1/4")	M6-M8	9-18(6.6-13.3)	9	4300 4600	0.74	144	78	0.25 8.8	6.5
TDI-50D	6.35(1/4")	M8	13-26(9.6-19.2)	9	6800 7200	0.9	170	80	0.35 12.3	6.5
TDI-50DX	6.35(1/4")	M8	13-26(9.6-19.2)	9	6800 7200	0.74	144	80	0.35 12.3	6.5
TDI-60D	6.35(1/4")	M8	18-30(13.3-22.1)	9	5900 6200	0.97	181	82	0.4 14.1	8
TDI-60DX	6.35(1/4")	M8	18-30(13.3-22.1)	9	5900 6200	0.8	155	82	0.4 14.1	8
TDI-65D	6.35(1/4")	M8-M10	23-38(16.9-28)	9	4500 4800	1.05	192	82	0.43 15.2	8
TDI-70D	6.35(1/4")	M10	29-47(21.4-34.6)	9	6900 7200	1.33	197	82	0.45 15.9	8
TDI-70DX	6.35(1/4")	M8-M10	26-44(19.1-32.4)	9	5200 5400	1.05	192	82	0.43 15.2	8

■ Auto shut-off

Model	Hex Size mm(°)	Bolt Capacity	Torque Range 5-6kg/cm ² N.m (ft-lb)	Bit Shank mm	Free Speed 5kg/cm ² 6kg/cm ² kg	Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption m ³ /min ft ³ /min	Hose Size mm
TDIS-30D	6.35(1/4")	M6	5.5-13(4.1-9.6)	9	4300 4600	0.89	163	78	0.25 8.8	6.5
TDIS-40D	6.35(1/4")	M6-M8	9-18(6.6-13.3)	9	4300 4600	0.92	170	78	0.25 8.8	6.5
TDIS-50D	6.35(1/4")	M8	13-26(9.6-19.2)	9	6800 7200	0.92	170	80	0.35 12.3	6.5
TDIS-60D	6.35(1/4")	M8	18-30(13.3-22.1)	9	5900 6200	1.0	181	82	0.4 14.1	8
TDIS-65D	6.35(1/4")	M8-M10	23-38(16.9-28)	9	4500 4800	1.08	192	82	0.43 15.2	8
TDIS-70D	6.35(1/4")	M10	29-47(21.4-34.6)	9	6900 7200	1.35	197	82	0.45 15.9	8
TDIS-70DX	6.35(1/4")	M8-M10	26-44(19.1-32.4)	9	5200 5400	1.08	192	82	0.43 15.2	8

Air Inlet : TDI(S)-30~150 : 1/4" TDI(S)-180 : 3/8"

Recommended Air Pressure : 70~85 PSI(5kg/cm²~6kg/cm²) / 0.5MPa~0.6MPa

Air Hose Size : 10mm×6.5mm×5m for TDI(S)-30~50 12mm×8mm×5m for TDI(S)-60~100 16mm×11mm×5m for TDI(S)-130~180

Straight Type- SQ Drive

-Air Impulse Tools-



Dimensions

Model	a (mm)	b (mm)	c (mm)	d (mm)
TDIS-30S	221	ø46	24	ø12
TDIS-40S	221	ø46	24	ø12
TDIS-50S	221	ø46	24	ø12
TDIS-60S	231	ø46	24	ø12
TDIS-70S	244	ø48	25	ø12
TDIS-80S	248	ø48	25	ø12
TDIS-80SH	251	ø48	31	ø16

Non shut-off

Model	SQ Drive mm(°)	Bolt Capacity	Torque Range 5-6kg/cm² N.m (ft-lb)	Free Speed S/kg/cm² S/kg/cm²	Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption m³/min ft³/min	Hose Size mm
TDI-30S	9.5(3/8")	M6	6.5-13(4.8-9.6)	3900	4200	0.8	221	78 0.25 8.8	6.5
TDI-40S	9.5(3/8")	M6-M8	10-19(7.4-14)	3900	4200	0.8	221	78 0.25 8.8	6.5
TDI-50S	9.5(3/8")	M8	14-28(10.4-20.7)	6500	6800	0.8	221	80 0.35 12.3	6.5
TDI-60S	9.5(3/8")	M8-M10	20-35(14.7-25.8)	5700	6000	0.86	231	80 0.4 14.1	8
TDI-70S	9.5(3/8")	M10	28-47(20.6-34.6)	4700	5000	0.97	244	80 0.4 14.1	8
TDI-80S	9.5(3/8")	M10-M12	40-70(29.5-51.5)	5800	6100	1.15	248	82 0.5 17.6	8
TDI-80SH	12.7(1/2")	M10-M12	40-70(29.5-51.5)	5800	6100	1.21	251	82 0.5 17.6	8

Auto shut-off

Model	SQ Drive mm(°)	Bolt Capacity	Torque Range 5-6kg/cm² N.m (ft-lb)	Free Speed S/kg/cm² S/kg/cm²	Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption m³/min ft³/min	Hose Size mm
TDIS-30S	9.5(3/8")	M6	6.5-13(4.8-9.6)	3900	4200	0.8	221	78 0.25 8.8	6.5
TDIS-40S	9.5(3/8")	M6-M8	10-19(7.4-14)	3900	4200	0.8	221	78 0.25 8.8	6.5
TDIS-50S	9.5(3/8")	M8	14-28(10.4-20.7)	6500	6800	0.8	221	80 0.35 12.3	6.5
TDIS-60S	9.5(3/8")	M8-M10	20-35(14.7-25.8)	5700	6000	0.86	231	80 0.4 14.1	8
TDIS-70S	9.5(3/8")	M10	28-47(20.6-34.6)	4700	5000	0.97	244	80 0.4 14.1	8
TDIS-80S	9.5(3/8")	M10-M12	40-70(29.5-51.5)	5800	6100	1.15	248	82 0.5 17.6	8
TDIS-80SH	12.7(1/2")	M10-M12	40-70(29.5-51.5)	5800	6100	1.21	251	82 0.5 17.6	8

Air Inlet : TDI(S)-30~150:1/4" TDI(S)-180:3/8"

Recommended Air Pressure : 70~85 PSI (5kg/cm²~6kg/cm²) / 0.5MPa~0.6MPa

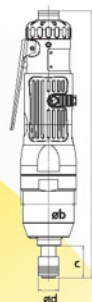
Air Hose Size : 10mmx6.5mmx5m for TDI(S)-30~50 12mmx8mmx5m for TDI(S)-60~100 16mmx11mmx5m for TDI(S)-130~180

Straight Type- Bit Shank

-Air Impulse Tools-

Dimensions

Model	a (mm)	b (mm)	c (mm)	d (mm)
TDI(S)-30SD	219	ø46	21	ø17.5
TDI(S)-40SD	224	ø46	27	ø17.5
TDI(S)-50SD	224	ø46	27	ø17.5
TDI(S)-60SD	235	ø46	27	ø17.5
TDI(S)-70SD	247	ø48	28	ø19



Non shut-off

Model	Hex Size mm(°)	Bolt Capacity	Torque Range 5-6kg/cm² N.m (ft-lb)	Bit Shank mm	Free Speed S/kg/cm² S/kg/cm²	Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption m³/min ft³/min	Hose Size mm
TDI-30SD	6.35(1/4")	M6	5.5-12(4.1-8.9)	9	3900	4200	0.77	219	78 0.25 8.8	6.5
TDI-40SD	6.35(1/4")	M6-M8	9-17(6.6-12.5)	9	3900	4200	0.8	224	78 0.25 8.8	6.5
TDI-50SD	6.35(1/4")	M8	13-26(9.6-19.2)	9	6500	6800	0.8	224	80 0.35 12.3	6.5
TDI-60SD	6.35(1/4")	M8	18-30(13.3-22.1)	9	5700	6000	0.86	235	80 0.4 14.1	8
TDI-70SD	6.35(1/4")	M8-M10	25-40(18.4-29.4)	9	4700	5000	0.97	247	80 0.4 14.1	8

Auto shut-off

Model	Hex Size mm(°)	Bolt Capacity	Torque Range 5-6kg/cm² N.m (ft-lb)	Bit Shank mm	Free Speed S/kg/cm² S/kg/cm²	Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption m³/min ft³/min	Hose Size mm
TDIS-30SD	6.35(1/4")	M6	5.5-12(4.1-8.9)	9	3900	4200	0.77	219	78 0.25 8.8	6.5
TDIS-40SD	6.35(1/4")	M6-M8	9-17(6.6-12.5)	9	3900	4200	0.8	224	78 0.25 8.8	6.5
TDIS-50SD	6.35(1/4")	M8	13-26(9.6-19.2)	9	6500	6800	0.8	224	80 0.35 12.3	6.5
TDIS-60SD	6.35(1/4")	M8	18-30(13.3-22.1)	9	5700	6000	0.86	235	80 0.4 14.1	8
TDIS-70SD	6.35(1/4")	M8-M10	25-40(18.4-29.4)	9	4700	5000	0.97	247	80 0.4 14.1	8

Air Inlet : TDI(S)-30~150:1/4" TDI(S)-180:3/8"

Recommended Air Pressure : 70~85 PSI (5kg/cm²~6kg/cm²) / 0.5MPa~0.6MPa

Air Hose Size : 10mmx6.5mmx5m for TDI(S)-30~50 12mmx8mmx5m for TDI(S)-60~100 16mmx11mmx5m for TDI(S)-130~180

Non shut-off

Model	SQ Drive mm(")	Bolt Capacity	Torque Range 5-6kg/cm ² N.m (ft-lb)	Free Speed		Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption m ³ /min ft ³ /min	Hose Size mm
				5kg/cm ²	6kg/cm ²					
TDI-50R	9.5(3/8")	M6-M8	9.5-17(7-12.5)	4000	4300	1.2	253	80	0.32 11.3	6.5
TDI-60R	9.5(3/8")	M8	14-24(10.3-17.7)	4400	4700	1.3	264	80	0.4 14.1	8
TDI-70R	9.5(3/8")	M8-M10	20-31(14.7-22.8)	4200	4500	1.4	272	80	0.4 14.1	8
TDI-70RG	9.5(3/8")	M10	30-50(22.1-36.8)	1800	2000	1.6	281	82	0.4 14.1	8
TDI-70RH	12.7(1/2")	M10-M12	40-60(29.5-44.2)	2000	2200	1.6	281	82	0.4 14.1	8
TDI-80RH	12.7(1/2")	M10-M12	50-70(36.8-51.5)	2600	2800	1.7	281	82	0.5 15.9	8

Angle Type- SQ. Drive

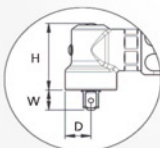
-Air Impulse Tools-



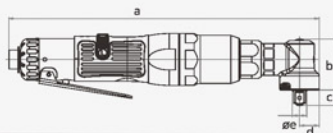
TDI-50R
TDIS-50R

TDI-60R
TDIS-60R

TDI-70R
TDIS-70R



TDI-70RG • 70RH • 80RH
TDIS-70RG • 70RH • 80RH



Dimensions

Model	H (mm)	W (mm)	D (mm)
TDI(S)-50R,60R,70R	45	14	16
TDI(S)-70RG	47	18.5	21
TDI(S)-70RH,80RH	47	22.5	21

Model	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
TDI(S)-50R	253	45	14	16	ø12
TDI(S)-60R	264	45	14	16	ø12
TDI(S)-70R	272	45	14	16	ø12
TDI(S)-70RG	281	47	18.5	21	ø17
TDI(S)-70RH	281	47	22.5	21	ø17
TDI(S)-80RH	281	47	22.5	21	ø17

Auto shut-off

Model	SQ Drive mm(")	Bolt Capacity	Torque Range 5-6kg/cm ² N.m (ft-lb)	Free Speed		Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption m ³ /min ft ³ /min	Hose Size mm
				5kg/cm ²	6kg/cm ²					
TDIS-50R	9.5(3/8")	M6-M8	9.5-17(7-12.5)	4000	4300	1.2	253	80	0.32 11.3	6.5
TDIS-60R	9.5(3/8")	M8	14-24(10.3-17.7)	4400	4700	1.3	264	80	0.4 14.1	8
TDIS-70R	9.5(3/8")	M8-M10	20-31(14.7-22.8)	4200	4500	1.4	272	80	0.4 14.1	8
TDIS-70RG	9.5(3/8")	M10	30-50(22.1-36.8)	1800	2000	1.6	281	82	0.4 14.1	8
TDIS-70RH	12.7(1/2")	M10-M12	40-60(29.5-44.2)	2000	2200	1.6	281	82	0.4 14.1	8
TDIS-80RH	12.7(1/2")	M10-M12	50-70(36.8-51.5)	2600	2800	1.7	281	82	0.45 15.9	8

Air Inlet : TDI(S)-30~150:1/4" TDI(S)-180:3/8"

Recommended Air Pressure : 70~85 PSI (5kg/cm²~6 kg/cm²) / 0.5MPa~0.6MPa

Air Hose Size : 10mm×6.5mm×5m for TDI(S)-30~50 12mm×8mm×5m for TDI(S)-60~100 16mm×11mm×5m for TDI(S)-130~180

Angle Type- Bit Shank

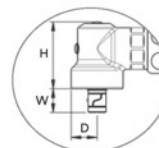
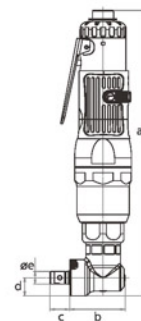
-Air Impulse Tools-



TDI-70RD
TDIS-70RD

TDI-60RD
TDIS-60RD

TDI-50RD
TDIS-50RD



Dimensions

Model	H (mm)	W (mm)	D (mm)
TDI(S)-50RD	45	16	16
TDI(S)-60RD	45	16	16
TDI(S)-70RD	45	16	16

Model	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
TDI(S)-50RD	253	45	16	16	ø11
TDI(S)-60RD	264	45	16	16	ø11
TDI(S)-70RD	272	45	16	16	ø11

Non shut-off

Model	Hex Size mm(")	Bolt Capacity	Torque Range 5-6kg/cm ² N.m (ft-lb)	Bit Shank mm	Free Speed		Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption m ³ /min ft ³ /min	Hose Size mm
					5kg/cm ²	6kg/cm ²					
TDI-50RD	6.35(1/4")	M6	8.5-16(6.3-11.8)	9	4000	4300	1.2	253	80	0.32 11.3	6.5
TDI-60RD	6.35(1/4")	M8	12.5-22(9.2-16.2)	9	4400	4700	1.3	264	80	0.4 14.1	8
TDI-70RD	6.35(1/4")	M8	18-29(13.3-21.4)	9	4200	4500	1.4	272	80	0.4 14.1	8

Auto shut-off

Model	Hex Size mm(")	Bolt Capacity	Torque Range 5-6kg/cm ² N.m (ft-lb)	Bit Shank mm	Free Speed		Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption m ³ /min ft ³ /min	Hose Size mm
					5kg/cm ²	6kg/cm ²					
TDIS-50RD	6.35(1/4")	M6-M8	8.5-16(6.3-11.8)	9	4000	4300	1.2	253	80	0.32 11.3	6.5
TDIS-60RD	6.35(1/4")	M8	12.5-22(9.2-16.2)	9	4400	4700	1.3	264	80	0.4 14.1	8
TDIS-70RD	6.35(1/4")	M8	18-29(13.3-21.4)	9	4200	4500	1.4	272	80	0.4 14.1	8

Air Inlet : TDI(S)-30~150:1/4" TDI(S)-180:3/8"

Recommended Air Pressure : 70~85 PSI (5kg/cm²~6kg/cm²) / 0.5MPa~0.6MPa

Air Hose Size : 10mm×6.5mm×5m for TDI(S)-30~50 12mm×8mm×5m for TDI(S)-60~100 16mm×11mm×5m for TDI(S)-130~180

Sleeve Drive Sockets & Impulse Oil



Sleeve Drive Impact Sockets for

Maximum tool performance- reduces torque loss during pulsing stage.
Increase productivity- reduces time loss during pulsing stage.
Ensure worker safety- virtually no vibration to the operator.
Increase socket life- reduces wear on sockets.
Increase tool life- reduced vibration means minimal wear on your tool.

Impulse Oil (100ml)

Use only the authorized impulse oil with the tools. The authorized oil is made by unique and special formulations. Any unauthorized oil will damage or degrade the performance of the tools. We recommend to change the impulse oil after every 250,000 pulse seconds. Please contact the authorized agent for purchasing the oil.



1/2" Sleeve Drive Power Sockets

Part No.	Size	D2 mm	D1 mm	L2 mm	L mm
SS49006	6mm	25	13	6	52
SS49007	7mm	25	14	7	52
SS49008	8mm	25	15	9	52
SS49009	9mm	25	16	12	52
SS49010	10mm	25	17.5	12	52
SS49011	11mm	25	18.5	12	52
SS49012	12mm	25	20	12	52
SS49013	13mm	25	21	12	52
SS49014	14mm	25	22.5	12	52
SS49015	15mm	30	23.5	12	52
SS49016	16mm	30	25	12	52
SS49017	17mm	30	26	13	52
SS49018	18mm	30	27.5	13	52
SS49019	19mm	30	28.5	13	52
SS49020	20mm	30	30	14	52
SS49021	21mm	30	31	14	52
SS49022	22mm	30	32	14	52
SS49023	23mm	30	34	14	52
SS49024	24mm	30	35	15	52
SS49025	25mm	30	36	15	57
SS49026	26mm	30	38	17	57
SS49027	27mm	30	38.5	17	57
SS49028	28mm	30	40	17	57
SS49029	29mm	30	41	18	57
SS49030	30mm	30	42	18	57
SS49031	31mm	30	43	18	57
SS49032	32mm	30	44	20	62
SS49033	33mm	30	46	20	62
SS49034	34mm	30	48	21	62
SS49035	35mm	30	50	21	62
SS49036	36mm	30	52	22	62
SS49038	38mm	38	54	23	65

3/4" Sleeve Drive Power Sockets

Part No.	Size	D2 mm	D1 mm	L2 mm	L mm
SS69013	13mm	44	24.5	12	65
SS69014	14mm	44	25.5	12	65
SS69015	15mm	44	27	12	65
SS69016	16mm	44	28	12	65
SS69017	17mm	44	30	12	65
SS69018	18mm	44	31	13	65
SS69019	19mm	44	32	13	65
SS69020	20mm	44	34	15	68
SS69021	21mm	44	35	15	68
SS69022	22mm	44	37	15	68
SS69023	23mm	44	38	15	68
SS69024	24mm	44	39	15	68
SS69025	25mm	44	41	16	69
SS69026	26mm	44	42	16	69
SS69027	27mm	44	43	17	69
SS69028	28mm	44	44	18	71
SS69029	29mm	44	46	18	71
SS69030	30mm	44	47	18	71
SS69031	31mm	44	48	19	72
SS69032	32mm	44	49	20	72
SS69033	33mm	44	51	21	73
SS69034	34mm	44	52	22	73
SS69035	35mm	44	53	22	73
SS69036	36mm	44	54	23	73
SS69037	37mm	44	56	24	73
SS69038	38mm	44	57	24	75
SS69039	39mm	44	59	24	75
SS69040	40mm	44	60	24	75
SS69041	41mm	44	60	27	75
SS69042	42mm	44	62	27	75
SS69043	43mm	44	63.5	27	75
SS69044	44mm	44	64.5	27	75
SS69045	45mm	44	66	27	75
SS69046	46mm	44	66.5	30	80
SS69047	47mm	44	68	30	80
SS69048	48mm	44	69	30	80
SS69049	49mm	44	70	30	80
SS69050	50mm	54	71	31	80
SS69051	51mm	54	71	32	85
SS69052	52mm	54	74	32	85
SS69053	53mm	54	75	32	85
SS69054	54mm	54	77	32	85
SS69055	55mm	54	77	32	85

3/8" Sleeve Drive Power Sockets

Part No.	Size	D2 mm	D1 mm	L2 mm	L mm
SS39006	6mm	19	11	5	43
SS39007	7mm	19	12	5	43
SS39008	8mm	19	13	7	43
SS39009	9mm	19	15	7	43
SS39010	10mm	19	16	7	43
SS39011	11mm	19	17.5	8	43
SS39012	12mm	19	18.5	9	43
SS39013	13mm	22	20	9	43
SS39014	14mm	22	21	9	43
SS39015	15mm	22	22	12	43
SS39016	16mm	22	24	12	43
SS39017	17mm	22	25	12	43
SS39018	18mm	22	26	12	43
SS39019	19mm	22	27	12	43
SS39020	20mm	22	28	13	43
SS39021	21mm	22	30	13	43
SS39022	22mm	23	31	14	50
SS39023	23mm	23	32	14	50
SS39024	24mm	23	34	15	50
SS39025	25mm	23	35	15	50
SS39026	26mm	23	36	15	50
SS39027	27mm	23	38	15	50

Industrial Air Screwdrivers



TDCS Series

Shut-off Clutch Screwdrivers

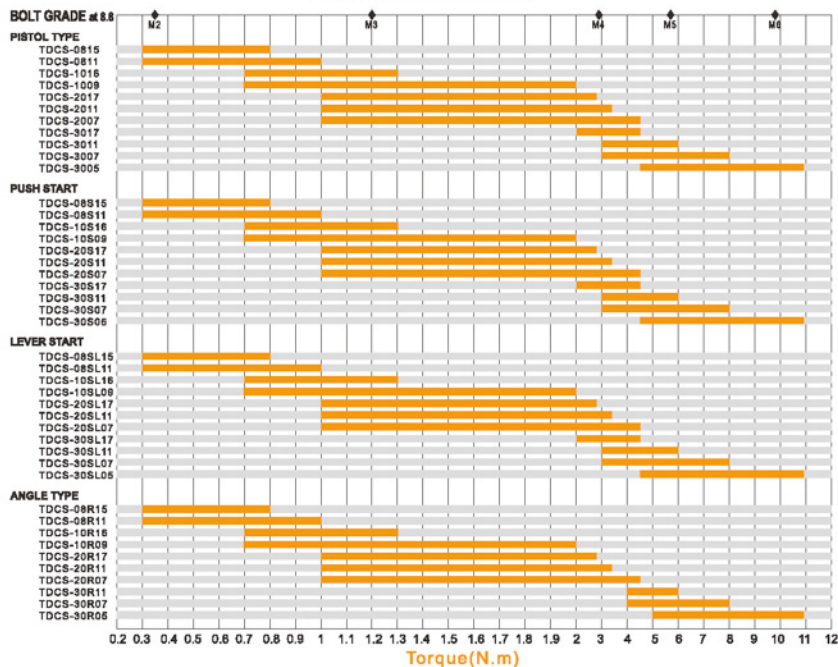
■ Pistol Type ■ Push Start ■ Lever Start ■ Angle Type

TORQUE RANGE REFERENCE

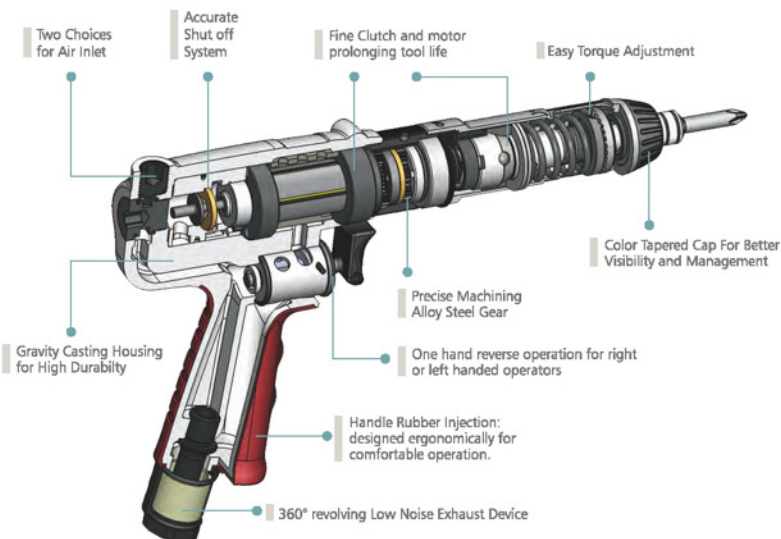
Torque is a very important reference value while choosing a right tool for tightening. Due to nut sizes, joint types, air pressure and working environment, the actual tightening torque may vary. The table below is only for a reference to choose the right tool. When the working torque is at the mean value of the torque range, the tool provides the best performance.

Tool Selection Chart

Industrial Air Screwdrivers



Highlights



Torque Conversion

N.m	kg-cm	in-lbs	N.m	kg-cm	in-lbs	N.m	kg-cm	in-lbs
0.1	1.02	0.89	1.3	13.26	11.51	7	71.38	61.95
0.2	2.04	1.77	1.4	14.28	12.39	8	81.58	70.81
0.3	3.06	2.66	1.5	15.30	13.28	9	91.77	79.66
0.4	4.08	3.54	1.6	16.32	14.16	10	101.97	88.51
0.5	5.10	4.43	1.7	17.34	15.05	11	112.17	97.36
0.6	6.12	5.31	1.8	18.35	15.93	12	122.37	106.21
0.7	7.14	6.20	1.9	19.37	16.82	13	132.56	115.06
0.8	8.16	7.08	2	20.39	17.70	14	142.76	123.91
0.9	9.18	7.97	3	30.59	26.55	15	152.96	132.76
1	10.20	8.85	4	40.79	35.40	16	163.16	141.61
1.1	11.22	9.74	5	50.99	44.25	17	173.35	150.46
1.2	12.24	10.6	6	61.18	53.10	18	183.55	159.31

Pistol Type

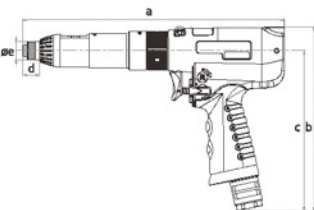
-Industrial Air Screwdrivers-



SPECIFICATIONS

Model	Screw Size (mm)	Torque Range		Bit Shank (mm)	Free Speed (rpm)	Weight		Drive Size (inch)	Dia (inch)	Air Inlet (inch)	Average Air Consumption		Noise Level (dB(A))
		in-lb	N.m			kg	lb				m³/min	ft³/min	
TDCS-0815	M2	2.7~6.2	0.3~0.7	9	1500	0.7	1.5	1/4 F/Hex	0.9	1/4	0.2	7	72
TDCS-0811	M2	3.5~8.8	0.4~1	9	1100	0.7	1.5	1/4 F/Hex	0.9	1/4	0.2	7	72
TDCS-1016	M2-M3	6.2~12.3	0.7~1.3	9	1600	0.9	1.98	1/4 F/Hex	1.1	1/4	0.35	12.5	75
TDCS-1009	M3	6.2~17.6	0.7~2	9	900	0.9	1.98	1/4 F/Hex	1.1	1/4	0.35	12.5	75
TDCS-2017	M3	8.8~26.4	1~3	9	1700	1.15	2.53	1/4 F/Hex	1.37	1/4	0.47	16.5	78
TDCS-2011	M3-M4	8.8~30.8	1~3.5	9	1100	1.15	2.53	1/4 F/Hex	1.37	1/4	0.47	16.5	78
TDCS-2007	M3-M4	8.8~35.2	1~4	9	700	1.15	2.53	1/4 F/Hex	1.37	1/4	0.47	16.5	78
TDCS-3017	M4	17.6~39.6	2~4.5	9	1700	1.2	2.64	1/4 F/Hex	1.37	1/4	0.51	18	78
TDCS-3011	M4-M5	22~52.8	2.5~6	9	1100	1.2	2.64	1/4 F/Hex	1.37	1/4	0.51	18	78
TDCS-3007	M5	26.4~70	3~8	9	700	1.2	2.64	1/4 F/Hex	1.37	1/4	0.51	18	78
TDCS-3005	M6	30.8~88	3.5~10	9	500	1.2	2.64	1/4 F/Hex	1.37	1/4	0.51	18	78

Recommended Air Pressure : TDCS-08,10 : 70 PSI(5kg/cm²)/0.5MPa TDCS-20,30 : 85 PSI(6kg/cm²)/0.6MPa
Air Hose Size : 10mm×6.5mm×5m



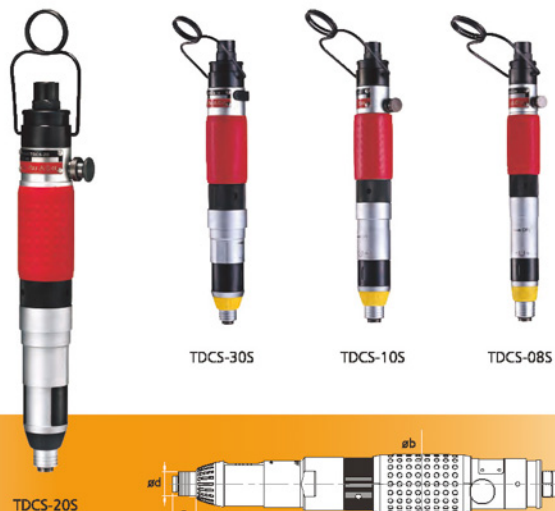
Dimensions

Model	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
TDCS-08	218	162.3	143.8	16	ø16
TDCS-10	211	162.3	143.8	16	ø16
TDCS-20	232	164.5	143.3	16	ø16
TDCS-30	234	164.5	143.3	16	ø16

SPECIFICATIONS

Model	Screw Size (mm)	Torque Range		Bit Shank (mm)	Free Speed (rpm)	Weight		Drive Size (inch)	Dia (inch)	Air Inlet (inch)	Average Air Consumption		Noise Level (dB(A))
		in-lb	N.m			kg	lb				m³/min	ft³/min	
TDCS-08S15	M2	2.7~6.2	0.3~0.7	9	1500	0.35	0.77	1/4 F/Hex	0.9	1/8	0.2	7	73
TDCS-08S11	M2	3.5~8.8	0.4~1	9	1100	0.35	0.77	1/4 F/Hex	0.9	1/8	0.2	7	73
TDCS-10S16	M2-M3	6.2~12.3	0.7~1.3	9	1600	0.6	1.32	1/4 F/Hex	1.1	1/8	0.35	12.5	75
TDCS-10S09	M3	6.2~17.6	0.7~2	9	900	0.6	1.32	1/4 F/Hex	1.1	1/8	0.35	12.5	75
TDCS-20S17	M3	8.8~26.4	1~3	9	1700	0.9	1.98	1/4 F/Hex	1.37	1/4	0.47	16.5	78
TDCS-20S11	M3-M4	8.8~30.8	1~3.5	9	1100	0.9	1.98	1/4 F/Hex	1.37	1/4	0.47	16.5	78
TDCS-20S07	M3-M4	8.8~35.2	1~4	9	700	0.9	1.98	1/4 F/Hex	1.37	1/4	0.47	16.5	78
TDCS-30S17	M4	17.6~39.6	2~4.5	9	1700	0.97	2.13	1/4 F/Hex	1.37	1/4	0.51	18	78
TDCS-30S11	M4-M5	22~52.8	2.5~6	9	1100	0.97	2.13	1/4 F/Hex	1.37	1/4	0.51	18	78
TDCS-30S07	M5	26.4~70	3~8	9	700	0.97	2.13	1/4 F/Hex	1.37	1/4	0.51	18	78
TDCS-30S05	M6	30.8~88	3.5~10	9	500	0.97	2.13	1/4 F/Hex	1.37	1/4	0.51	18	78

Recommended Air Pressure : TDCS-08,10 : 70 PSI(5kg/cm²)/0.5MPa TDCS-20,30 : 85 PSI(6kg/cm²)/0.6MPa
Air Hose Size : 10mm×6.5mm×5m



Dimensions

Model	a (mm)	b (mm)	c (mm)	d (mm)
TDCS-08S	216.1	ø26	16	ø16
TDCS-10S	229.1	ø31.5	16	ø16
TDCS-20S	257	ø37.5	16	ø16
TDCS-30S	261	ø40.5	16	ø16

Push Start

-Industrial Air Screwdrivers-

Lever Start

-Industrial Air Screwdrivers-



TDCS-10SL

TDCS-30SL

TDCS-08SL

TDCS-20SL



Angle Type

-Industrial Air Screwdrivers-



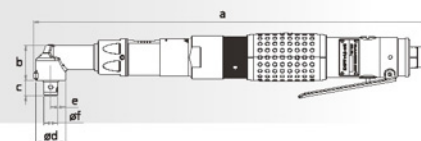
TDCS-08R

TDCS-10R

TDCS-20R



TDCS-30R



SPECIFICATIONS

Model	Screw Size (mm)	Torque Range		Bit Shank (mm)	Free Speed rpm	Weight		Drive Size Inch	Dia Inch	Air Inlet Inch	Average Air Consumption		Noise Level dB(A)
		In-lb	N.m			kg	lb				m³/min	ft³/min	
TDCS-08SL15	M2	2.7~6.2	0.3~0.7	9	1500	0.41	0.9	1/4 F/Hex	0.9	1/8	0.2	7	73
TDCS-08SL11	M2	3.5~8.8	0.4~1	9	1100	0.41	0.9	1/4 F/Hex	0.9	1/8	0.2	7	73
TDCS-10SL16	M2-M3	6.2~12.3	0.7~1.3	9	1600	0.63	1.4	1/4 F/Hex	1.1	1/8	0.35	12.5	75
TDCS-10SL09	M3	6.2~17.6	0.7~2	9	900	0.63	1.4	1/4 F/Hex	1.1	1/8	0.35	12.5	75
TDCS-20SL17	M3	8.8~26.4	1~3	9	1700	1	2.2	1/4 F/Hex	1.37	1/4	0.47	16.5	78
TDCS-20SL11	M3-M4	8.8~30.8	1~3.5	9	1100	1	2.2	1/4 F/Hex	1.37	1/4	0.47	16.5	78
TDCS-20SL07	M3-M4	8.8~35.2	1~4	9	700	1	2.2	1/4 F/Hex	1.37	1/4	0.47	16.5	78
TDCS-30SL17	M4	17.6~39.6	2~4.5	9	1700	1	2.2	1/4 F/Hex	1.37	1/4	0.51	18	78
TDCS-30SL11	M4-M5	22~52.8	2.5~6	9	1100	1	2.2	1/4 F/Hex	1.37	1/4	0.51	18	78
TDCS-30SL07	M5	26.4~70	3~8	9	700	1	2.2	1/4 F/Hex	1.37	1/4	0.51	18	78
TDCS-30SL05	M6	30~88	3.5~10	9	500	1	2.2	1/4 F/Hex	1.37	1/4	0.51	18	78

Recommended Air Pressure : TDCS-08,10 : 70 PSI(5kg/cm²)/0.5MPa TDCS-20,30 : 85 PSI(6kg/cm²)/0.6MPa

Air Hose Size : 10mm×6.5mm×5m

Dimensions

Model	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	f (mm)
TDCS-08R	284.1	30	11.5	ø24	12	ø11
TDCS-10R	290.5	30	11.5	ø24	12	ø11
TDCS-20R	320.6	30	11.5	ø24	12	ø11
TDCS-30R	328	30	17.5	ø27	13.5	ø11

SPECIFICATIONS

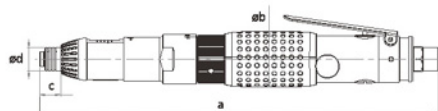
Model	Screw Size (mm)	Torque Range		Bit Shank (mm)	Free Speed rpm	Weight		Drive Size Inch	Dia Inch	Air Inlet Inch	Average Air Consumption		Noise Level dB(A)
		In-lb	N.m			kg	lb				m³/min	ft³/min	
TDCS-08R15	M2	2.7~7	0.3~0.8	9	1500	0.56	1.23	1/4 F/Hex	0.9	1/8	0.2	7	73
TDCS-08R11	M2	3.5~8.8	0.4~1	9	1100	0.56	1.23	1/4 F/Hex	0.9	1/8	0.2	7	73
TDCS-10R16	M2-M3	6.2~12.3	0.7~1.3	9	1600	0.8	1.8	1/4 F/Hex	1.1	1/8	0.35	12.5	75
TDCS-10R09	M3	6.2~17.6	0.7~2	9	900	0.8	1.8	1/4 F/Hex	1.1	1/8	0.35	12.5	75
TDCS-20R17	M3	8.8~25	1~2.8	9	1700	1.2	2.64	1/4 F/Hex	1.37	1/4	0.47	16.5	78
TDCS-20R11	M3-M4	8.8~30	1~3.4	9	1100	1.2	2.64	1/4 F/Hex	1.37	1/4	0.47	16.5	78
TDCS-20R07	M3-M4	8.8~40	1~4.5	9	700	1.2	2.64	1/4 F/Hex	1.37	1/4	0.47	16.5	78
TDCS-30R11	M4-M5	35.2~52.8	4~6	9	1100	1.3	2.86	1/4 F/Hex	1.37	1/4	0.51	18	78
TDCS-30R07	M5	35.2~70	4~8	9	700	1.3	2.86	1/4 F/Hex	1.37	1/4	0.51	18	78
TDCS-30R05	M6	44~88	5~10	9	450	1.3	2.86	1/4 F/Hex	1.37	1/4	0.51	18	78

Recommended Air Pressure : TDCS-08,10 : 70 PSI(5kg/cm²)/0.5MPa TDCS-20,30 : 85 PSI(6kg/cm²)/0.6MPa

Air Hose Size : 10mm×6.5mm×5m

Dimensions

Model	a (mm)	b (mm)	c (mm)	d (mm)
TDCS-08SL	238	ø26	16	ø16
TDCS-10SL	246	ø31.5	16	ø16
TDCS-20SL	278	ø37.5	16	ø16
TDCS-30SL	274	ø40.5	16	ø16



Industrial Cordless Tools



- SCB series ■ WRTBA series ■ WRTCA series
- Geared Type series ■ PW series ■ Riveters
- IWT series

Tool Selection Chart

BOLT GRADE at 8.8

SCB series
SC180BBS3
SC180BBS6
SC180BBS9
SC180BBS12

WRTBA series

WRTBA-10
WRTBA-10S2
WRTBA-10S3
WRTBA-16
WRTBA-16S2
WRTBA-16S3
WRTBA-30S3
WRTBA-35S3
WRTBA-50S3(4)
WRTBA-60S3(4)
WRTBA-70S3(4)
WRTBA-90S4

WRTCA series

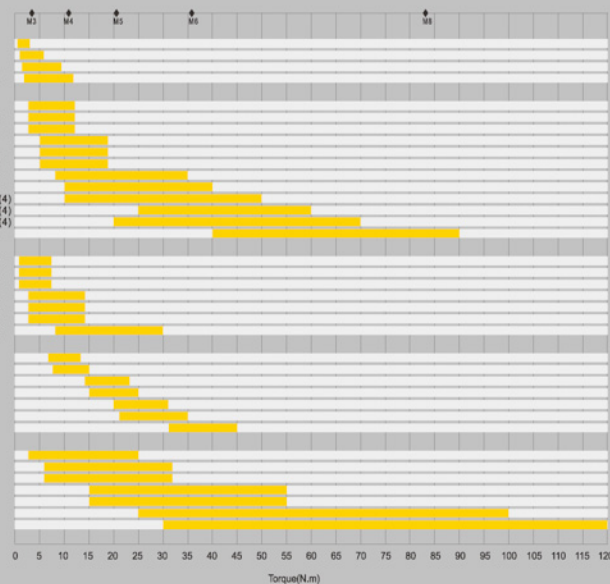
WRTCA-07H2
WRTCA-07S2
WRTCA-07S3
WRTCA-14H2
WRTCA-14S2
WRTCA-14S3
WRTCA-30S3

PW series

PW-15
PW-15S3
PW-25
PW-25S3
PW-35
PW-35S3
PW-45S3

IWT series

IWT-025H2
IWT-032H2
IWT-032S3
IWT-055S3
IWT-065S4
IWT-100S4
IWT-120S4



TORQUE RANGE REFERENCE

Torque is a very important reference value while choosing a right tool for tightening. Due to nut sizes, joint types, air pressure and working environment, the actual tightening torque may vary. The table above is only for a reference to choose the right tool. When the working torque is at the mean value of the torque range, the tool provides the best performance.

Tightening Torque (N.m)

This table shows the recommended tightening torque for common bolt size M2 to M16. According to ISO 898-1

Bolt Size	Bolt Grade							Bolt Size	Bolt Grade						
	3.6	4.6	4.8	5.8	8.8	10.9	12.9		4.6	4.8	5.8	6.8	10.9	12.9	
M2	0.10	0.13	0.17	0.22	0.35	0.49	0.58	M8	8.9	10.5	15	24	33	40	
M3	0.35	0.46	0.61	0.77	1.20	1.70	2.10	M10	17	21	29	47	65	79	
M4	0.81	1.10	1.40	1.80	2.90	4.00	4.90	M12	30	36	51	81	114	136	
M5	1.60	2.20	2.95	3.60	5.70	8.10	9.70	M14	48	58	80	128	181	217	
M6	2.80	3.70	4.90	6.10	9.80	14.0	17.0	M16	74	88	123	197	277	333	

Torque Conversion

N.m	Ft-lbs	N.m	Ft-lbs	N.m	Ft-lbs	N.m	Ft-lbs	N.m	Ft-lbs
0.8	0.59	1.7	1.25	8	5.90	17	12.53	30	22.11
0.9	0.66	1.8	1.33	9	6.63	18	13.26	35	25.79
1	0.74	1.9	1.40	10	7.37	19	14.00	40	29.48
1.1	0.81	2	1.47	11	8.11	20	14.74	45	33.16
1.2	0.88	3	2.21	12	8.84	21	15.48	50	36.85
1.3	0.96	4	2.95	13	9.58	22	16.21	55	40.53
1.4	1.03	5	3.68	14	10.32	23	16.95	60	44.22
1.5	1.11	6	4.42	15	11.05	24	17.69	65	47.90
1.6	1.18	7	5.16	16	11.79	25	18.42	70	51.68

SCB Series | Brushless motor

-Cordless Shut-off Screwdrivers-



Mini USB Connector:

Tool speed can be adjusted by additional programmer.

LED indicator provides simple process information to the operator. The signal is visible from any angle.



Push "F/R" button for switching F/R operation.



Blue light indicates that the tool is in reverse operation.



Green light indicates that the preset torque is reached and tightening is completed.



Red light with a long "beep" sound indicates that the tightening was failed.



Yellow light with a "beep" sound indicates that the battery is dead. Must change the battery pack immediately.



Yellow Flashing light with five short beep sounds indicates low battery.

SPECIFICATIONS

Model	Volt.	Drive Size	Screw Size	Weight w/o Batt.		Vibration Value	Noise Level	Free Speed	Torque Range (N.m)	
	V	in	mm	kg	lb	m/s ²	dB(A)	rpm	Hard joint	Soft joint
SC1808B53	18	1/4" Hex.	M3-M4	0.95	2.1	<2.5	<75	500-1,550	0.8-3	0.8-3
SC1808B56	18	1/4" Hex.	M3-M5	0.95	2.1	<2.5	<75	300-900	1-6	1-6
SC1808B59	18	1/4" Hex.	M3-M5	0.95	2.1	<2.5	<75	300-700	1.5-9	1.5-9
SC1808B512	18	1/4" Hex.	M4-M6	0.95	2.1	<2.5	<75	250-550	2-12	2-12

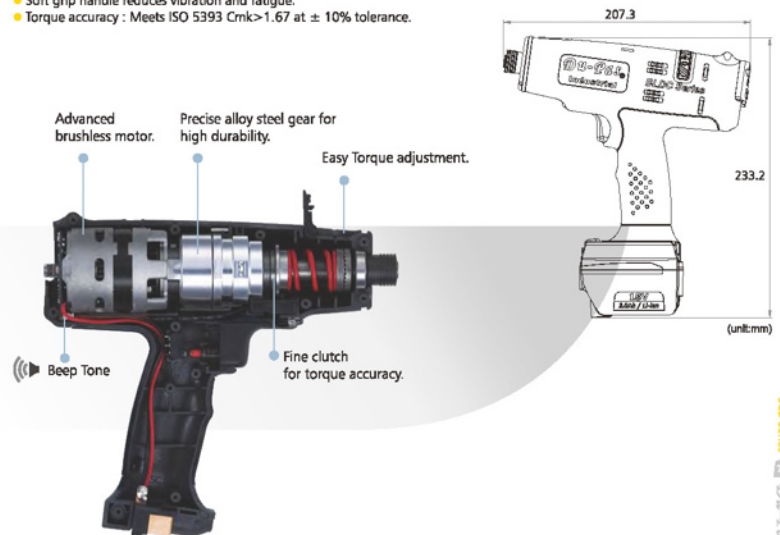
Adjustment screwdriver, marking color ring are included with the tool.

Applications

- Assembly applications where torque accuracy is required.
- Areas where pneumatic or electric tools are impractical to use due to hoses/cables.
- Especially used on car interior assembly.
- Attaching components to the dashboard.
- Hose clips on turbo chargers and air intakes, heating and climate systems and coolant circuits.

Product Strengths

- Adopting with the innovative Lithium-ion battery technology that extends the operating time of one fully charged battery to be longer than the Ni-Cad and the Ni-MH battery.
- Lithium-ion battery has no memory effect which extends the cycle life of the battery.
- The unique design of low battery warning that reminds operators the time to change the battery.
- Brushless motor has longer life time and wear-free parts that lower maintenance and spare part costs.
- Tool speed can be adjusted for different applications.
- Soft grip handle reduces vibration and fatigue.
- Torque accuracy : Meets ISO 5393 Crmk>1.67 at $\pm 10\%$ tolerance.



WRTBA Series | Brushless motor

-Cordless Shut-off Angle Wrenches/Screwdrivers-



User can distinguish the torque at a glance of color.

High capacity Li-ion battery pack delivers longer run-time.

Ergonomical handle design provides good balance.

LED light for working in dark area.

Press button for easy Forward / Reverse operation.

Trigger repeat protection avoids double hits on already seated screws.

The angled head allowing multiple head positions.

Mini USB Connector: Tool speed can be adjusted by the extra programmer.



LED indicator provides simple process information to the operator.

Applications

- Assembly applications where torque accuracy is required.
- Areas where pneumatic or electric tools are impractical to use due to hoses/cables.
- Especially used in cramped spaces.

Product Strengths

- The high performance brushless motor reduces the harm of environment and provides more fastening cycles per battery charge.
- To use innovative 4.0A.h Li-Ion battery makes working time longer than Ni-Cad and Ni-MH batteries.
- Li-ion battery without memory effect so the battery life can be last longer.
- The common use 30 N.m tool is lighter and shorter than other brands, it makes the operation much easier and less fatiguing.
- Torque accuracy: Meets ISO 5393 Cmk>1.67 at ±10% tolerance.



Blue light indicates that the tool is in reverse operation.



Green light indicates the preset torque is reached and the tightening is OK.



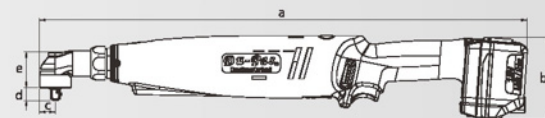
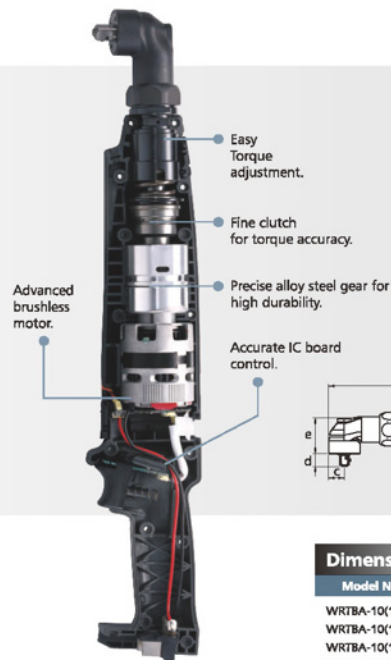
Red light with a long beep sound indicates that the preset torque is not reached.



Yellow flashing with five short "beep" sounds indicates low battery.



Yellow light with a long "beep" sound indicates that the battery is dead. Must change the battery immediately.



Dimensions

Model No.	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
WRTBA-10(16)	483	87	16	20	39
WRTBA-10(16)S2	483	87	16	9	39
WRTBA-10(16)S3	483	87	16	12	39
WRTBA-30(35)S3	488	87	16	13.5	38

SPECIFICATIONS

Model	Volt.	Drive Size	Screw Size	Weight w/o Batt.		Vibration Value	Noise Level	Free Speed	Torque Range (N.m)	
	V	In	mm	kg	lb	m/s ²	dB(A)	rpm	Hard Joint	Soft Joint
WRTBA-10		1/4" Hex.								
WRTBA-10S2	18	1/4" Sq.	M4-M5	1.5	3.3	<2.5	<75	400-1000	3-12	3-10
WRTBA-10S3		3/8" Sq.								
WRTBA-16		1/4" Hex.								
WRTBA-16S2	18	1/4" Sq.	M5-M6	1.5	3.3	<2.5	<75	300-600	5-18	5-16
WRTBA-16S3		3/8" Sq.								
WRTBA-30S3	18	3/8" Sq.	M6-M8	1.5	3.3	<2.5	<75	250-450	8-30	8-22
WRTBA-35S3	18	3/8" Sq.	M6-M8	1.6	3.52	<2.5	<75	200-350	10-35	10-30

Adjustment screwdriver, spanner, marking color ring are included with the tool.

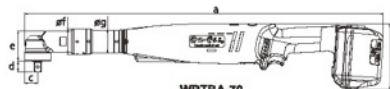
WRTBA Series Brushless motor

-Cordless Shut-off Angle Wrenches-

UP TO 90 N.m

WRTCA Series Brushless motor

-Cordless Shut-off Angle Wrenches/Screwdrivers-



WRTBA-70
WRTBA-90



WRTBA-50
WRTBA-60

Dimensions

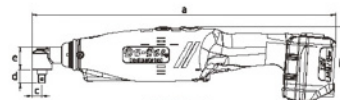
(unit:mm)

Model	a	b	c	d	e	f	g
WRTBA-50(60)S3	579.1	106.3	18.5	13.5	42.5	36.5	34.0
WRTBA-50(60)S4	579.1	106.3	18.5	18.5	42.5	36.5	34.0
WRTBA-70S3	593.2	106.3	21.7	18.0	50.0	42.0	37.6
WRTBA-70(90)S4	593.2	106.3	21.7	18.0	50.0	42.0	37.6

SPECIFICATIONS

Model	Volt.	Drive Size	Screw Size	Weight w/o Batt.	Vibration Value	Noise Level	Free Speed	Torque Range (N.m)		
								W/4.0 A.h Battery Pack	Hard joint	Soft joint
WRTBA-50S3	18	3/8" Sq.	M6-M10	2.0	4.4	<2.5	<75	200	10-50	10-50
WRTBA-50S4	18	1/2" Sq.	M6-M10	2.0	4.4	<2.5	<75	200	10-50	10-50
WRTBA-60S3	18	3/8" Sq.	M8-M12	2.0	4.4	<2.5	<75	160	25-60	25-60
WRTBA-60S4	18	1/2" Sq.	M8-M12	2.0	4.4	<2.5	<75	160	25-60	25-60
WRTBA-70S3	18	3/8" Sq.	M8-M12	2.5	5.5	<2.5	<75	170	20-70	20-70
WRTBA-70S4	18	1/2" Sq.	M8-M12	2.5	5.5	<2.5	<75	170	20-70	20-70
WRTBA-90S4	18	1/2" Sq.	M10-M14	2.5	5.5	<2.5	<75	90	40-90	40-90

Adjustment screwdriver, spanner, marking color ring are included with the tool.



WRTCA-07
WRTCA-14



WRTCA-30

Dimensions

(unit:mm)

Model	a	b	c	d	e
WRTCA-07(14)H2	375	87	12.5	3	26
WRTCA-07(14)S2	375	87	12.5	9	26
WRTCA-07(14)S3	375	87	12.5	12	26
WRTCA-30S3	450	87	16	13.6	38

SPECIFICATIONS

Model	Volt.	Drive Size	Screw Size	Weight with battery	Vibration Value	Noise Level	Free Speed	Torque Range (N.m)		
								W/4.0 A.h Battery Pack	Hard joint	Soft joint
WRTCA-07H2	18	1/4" Hex.	M3 - M5	1.5	3.2	<2.5	<75	400 - 800	1.8 - 7	1.8 - 7
WRTCA-07S2	18	1/4" Sq.								
WRTCA-07S3	18	3/8" Sq.								
WRTCA-14H2	18	1/4" Hex.	M4 - M6	1.5	3.2	<2.5	<75	200 - 500	3.5 - 14	3.5 - 14
WRTCA-14S2	18	1/4" Sq.								
WRTCA-14S3	18	3/8" Sq.								
WRTCA-30S3	18	3/8" Sq.	M5 - M8	1.9	4.2	<2.5	<75	200	8 - 30	8 - 30

Adjustment Screwdrivers, Open End Wrench(For SQ type) / Hex L-Wrench(For Hex.Type) Marking Coloring Ring, are included with the tool.

PW Series | Brushless motor

-Cordless Shut-off Impulse Tools-

Patented Unique Shut off system

Max. Torque

45 N.m

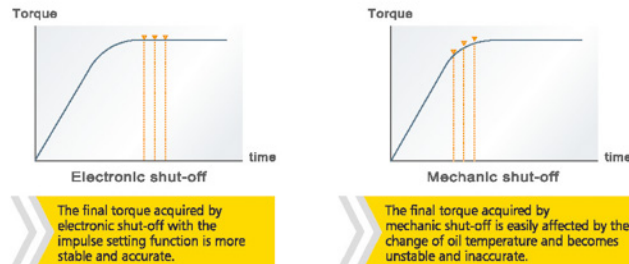


SPECIFICATIONS

Model	Volt.	Drive Size	Weight w/o Batt.	Free Speed	Torque range (N.m)		Pulse unit Type
					Hard joint	Soft joint	
PW-15	18	1/4" Hex.	1.15	4500	7-13	5-9	Shut-off
PW-15S3	18	3/8" Sq.	1.14	4500	8-15	6-10	Shut-off
PW-25	18	1/4" Hex.	1.25	4500	14-23	10-16	Shut-off
PW-25S3	18	3/8" Sq.	1.24	4500	15-25	11-17	Shut-off
PW-35	18	1/4" Hex.	1.35	3500	20-31	14-21	Shut-off
PW-35S3	18	3/8" Sq.	1.34	3500	22-35	15-24	Shut-off
PW-45S3	18	3/8" Sq.	1.41	3500	32-45	22-31	Shut-off

- This tool is suitable on hard joint(A joint) and medium soft joint(B joint), i.e. the tightening angle is less than 180 degrees.
- Set the shut-off point(1-9) as short as possible with stabilized torque on the application; 2-4 for hard joint and 3-7 for medium joint.
- The usage of a maximum of 6 bolts per minute is recommended.

-Du-Pas Superior Electronic Shut-off System-



FEATURES

- The Shut off Point can be adjusted according to different applications and joint types to reach the best performance and work efficiency.
- The Shut off Point setting can be locked to avoid the operators changing uncarefully.
- Reduce the influence of oil temperature inside the pulse unit to improve the torque accuracy.
- Reverse Locked mode keeps the tool always run at forward direction
- Non-contact Switch provides longer switch life.
- Advanced brushless motor provides longer motor life and better efficiency.
- Ergonomical handle design makes user feel more comfortable.



LED Indicators

Shut off Point Setting to apply various joint types.



- FLASHING YELLOW + FLASHING GREEN = REVERSE OPERATION
- GREEN = TIGHTENING OK
- RED = TIGHTENING NG
- FLASHING YELLOW = LOW BATTERY WARNING
- YELLOW = CHANGE BATTERY

Industrial Riveters

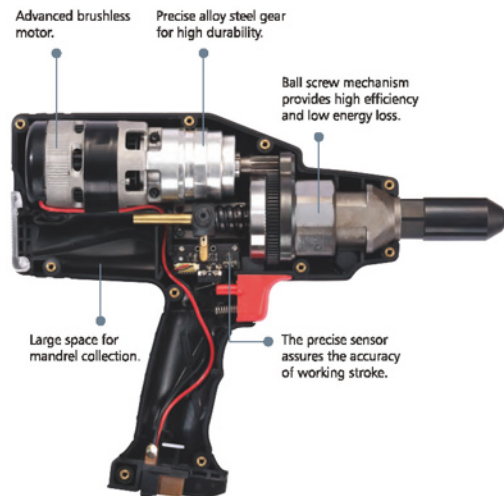
-Cordless Tools-

Ball Screw Mechanism

RI144BS



RI180CBH



SPECIFICATIONS

Model	Volt. V	Motor type -	Battery type Ah	Rivets capacity mm	Stroke length mm	Traction power lb	Pulling time per unit sec	Weight with 2.0Ah battery kg lb	Weight with 4.0Ah battery kg lb	Charging time(2.0Ah) minute	Charging time(4.0Ah) minute
RI144BS	14.4	Replaceable carbon brush	Li-Ion 4.0	2.4-4.8	20	2023	1.0	- -	2.3 5.06	-	Approx. 85
RI180CBH	18	Brushless motor	Li-Ion 2.0/4.0	4.8-6.4	20	2900	1.0	2.1 4.62	2.35 5.17	Approx. 45	Approx. 85

RI180CBH



Foldable cover design for easy and quick mandrel removal. Mandrel collector means no more mandrels on the floor!

FEATURES

- Ball screw mechanism provides highest power.
- Short cycle times at full stroke.
- Brushless motor reduce the maintenance cost.
- Precision IC board control.
- Advanced, long-life Li-Ion battery.
- Alloy steel gear box for high durability.
- Balanced, ergonomic handle.

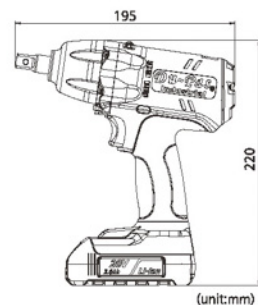
Applications

- Boat
- Construction
- Display shelves
- Furniture
- Heating, Air conditioning
- Lighting fixtures
- Restaurant equipment
- Signs
- Trailers, Cargo container
- Vending machines

IWT Series | Brushless motor

Cordless Shut off Impact Wrenches

UNIQUE PATENTED SHUT OFF SYSTEM



SHUT OFF SYSTEM

Torque control function:
50 programmable stage settings.



Geared Type Series

Customization Available

This tool series is available for customization to suit users' requirements. It is not only to design for restricted places, but also enhance the productivity and accessibility.

Model	Volt.	Drive Size	Screw Size	Working Torque Range (0.2~3 secs)		Max. Torque (Non-shut off)		Free Speed	Weight w/o Battery		Noise Level
	V	Inch	mm	N.m	ft-lb	N.m	ft-lb	rpm	kg	lb	dB(A)
IWT-025H2	20	1/4" Hex.	M5,M6,M8	3-25	2-18	40	30	2400	1.0	2.2	71
IWT-032H2	20	1/4" Hex.	M6,M8	6-32	4-24	90	66	2400	1.0	2.2	71
IWT-032S3	20	3/8" Sq.	M6,M8	6-32	4-24	90	66	2400	1.0	2.2	71
IWT-055S3	20	3/8" Sq.	M8,M10	15-55	11-41	120	90	2400	1.1	2.4	71
IWT-055S4	20	1/2" Sq.	M10,M12	25-100	18-74	180	133	2400	1.1	2.4	71
IWT-100S4	20	1/2" Sq.	M12,M14	30-120	22-89	210	155	2400	1.3	2.9	71
IWT-120S4	20	1/2" Sq.	M12,M14	30-120	22-89	210	155	2400	1.3	2.9	71

Geared Type

-Air Impulse Tools-



GCCM1210H-SB60



GACM1206H-SB60

Dimensions

Model	W	A	D	H	L	R
GACM1206H-XB60	32	26"	12mm	14mm	122.5mm	13mm
GCCM1210H-XB60	32	0"	12mm	14mm	122.5mm	13mm
GACM1206H-SB60	32	26"	12mm	14mm	122.5mm	13mm
GCCM1210H-SB60	32	0"	12mm	14mm	122.5mm	13mm

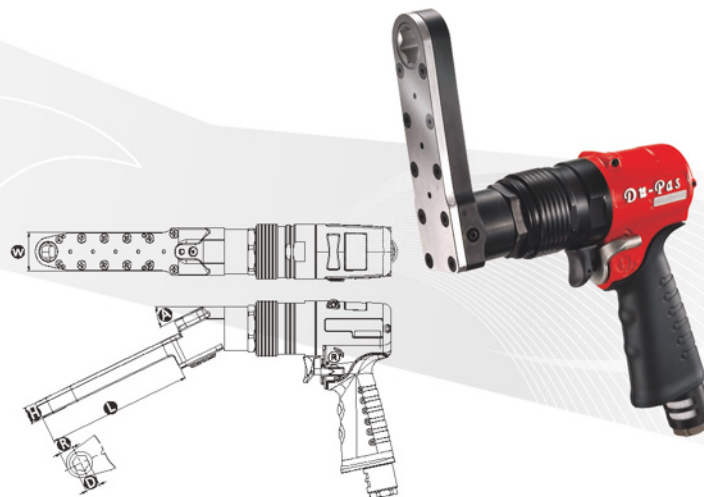
Model	Bolt Capacity	Torque Range	Free Speed		Weight	Noise Level	Average Air Consumption	Hose Size	Hex Dimension
		5-kg/cm ²							
		N.m (ft-lb)	5kg/cm ²	6kg/cm ²	kg	dB(A)	m ³ /min	ft ³ /min	mm
GACM1206H-XB60	M8	20-28(14.8-20.7)	2900	3000	1.68	82	0.4	14.1	8
GCCM1210H-XB60	M8	20-28(14.8-20.7)	2900	3000	1.68	82	0.4	14.1	8
GACM1206H-SB60	M8	20-28(14.8-20.7)	2800	2900	1.68	80	0.4	14.1	8
GCCM1210H-SB60	M8	20-28(14.8-20.7)	2800	2900	1.68	80	0.4	14.1	8



GACM1206H-XB60



GCCM1210H-XB60



Customization Available

- Please fill in the Request Form below for your desired geared type impulse tool.

Torque Range (N.m)	Pistol / Straight	W	A Angle	D Hex Dimension	H	L	R
	☐ P ☐ S	_____mm	☐ 0° ☐ 26° ☐ 90°	 _____mm	_____mm	_____mm	_____mm

Basic Angle Type

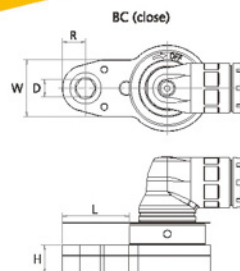
-Cordless tools-



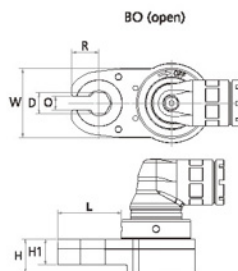
• WRTBA-30BCA



• WRTBA-10BOA



BC (close)



BO (open)

Dimensions

(unit:mm)

Model	W	D	O	R	L	H	H1
BC	32	10	-	13.1	36.7	16	-
BO	42	13	10.2	17	40	21	16

Model	Type	Volt. V	Hex Dimension	Weight w/o Batt.	Vibration Value	Noise Level	Free Speed	Torque Range (N.m)	
			Max(mm)	kg	m/s ²	dB(A)	rpm	Hard joint	Soft joint
WRTBA-10BCA	close	18	13	2.0	<2.5	<75	950	3-8	3-8
WRTBA-16BCA	close	18	13	2.0	<2.5	<75	600	5-13	5-13
WRTBA-30BCA	close	18	13	2.0	<2.5	<75	450	8-18	8-18
WRTBA-10BOA	open	18	19	2.1	<2.5	<75	950	3-7	3-7
WRTBA-16BOA	open	18	19	2.1	<2.5	<75	600	5-12	5-12
WRTBA-30BOA	open	18	19	2.1	<2.5	<75	450	8-17	8-17

Customization Available

- Please fill in the Request Form for your desired Geared Offset Heads type power tool.

Model	Torque Range (N.m)	W	D	O	R	L	H	H1
☐ BC ☐ BO								

In-Line Type

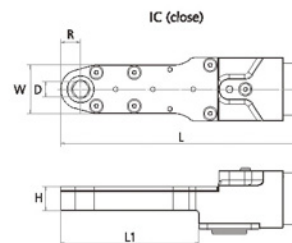
Cordless tools



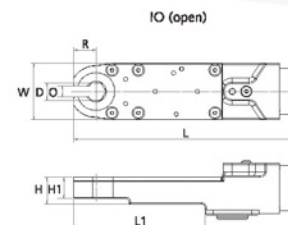
• WRTBA-16ICA



• WRTBA-10IOA



IC (close)



IO (open)

Dimensions

(unit:mm)

Model	W	D	O	R	L	L1	H	H1
IC	32	10	-	13.1	157.3	89.3	16	-
IO	42	13	10.2	17	166.2	98.2	20	16

Model	Type	Volt. V	Hex Dimension	Weight w/o Batt.	Vibration Value	Noise Level	Free Speed	Torque Range (N.m)	
			Max(mm)	kg	m/s ²	dB(A)	rpm	Hard joint	Soft joint
WRTBA-10ICA	close	18	13	2.2	<2.5	<75	620	5-11	5-11
WRTBA-16ICA	close	18	13	2.2	<2.5	<75	380	8-17	8-17
WRTBA-30ICA	close	18	13	2.2	<2.5	<75	300	11-23	11-23
WRTBA-10IOA	open	18	19	2.3	<2.5	<75	420	7-13	7-13
WRTBA-16IOA	open	18	19	2.3	<2.5	<75	270	10-22	10-22
WRTBA-30IOA	open	18	19	2.3	<2.5	<75	200	13-28	13-28

Customization Available

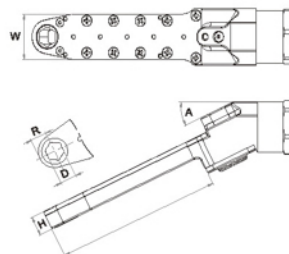
- Please fill in the Request Form for your desired Geared Offset Heads type power tool.

Model	Torque Range (N.m)	W	D	O	R	L	H	H1
☐ IC ☐ IO								

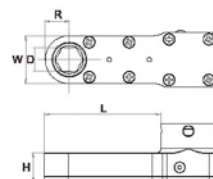
Geared Heads



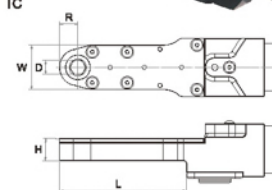
GAC



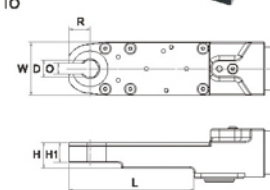
GBC



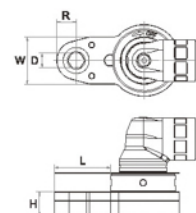
IC



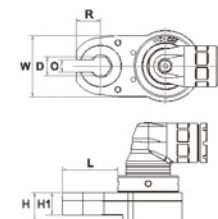
IO



BC



BO



Customization Available

- Please fill in the Request Forms for your desired geared head type.

✓	Type	Torque Range (N.m)	W (mm)	OD (mm)	R (mm)	H (mm)	L (mm)	A (Angle)
	GAC							26°
	GBC							90°

Note: If to purchase gear heads only, dimension drawings of the corresponding part are required to be provided properly to Tranmax.

✓	Type	Torque Range (N.m)	W (mm)	OD (mm)	O (mm)	R (mm)	L (mm)	H (mm)	H1 (mm)
	IC								
	IO								
	BC								
	BO								

Accessories

-For Du-Pas Industrial Cordless Tools-

Li-Ion Battery Packs



BB144C-340



BB180C-320



BB180C-340



BB200E-320



BB200E-340

Part No.	Description	Size (L x W x H)	Charging Time	Weight
BB144C-340	14.4V 4.0 A.h	106 x 79 x 65 mm	85 min.	0.7 kg (0.6 lb)
BB180C-320	18.0V 2.0 A.h	87 x 79 x 64 mm	45 min.	0.4 kg (0.8 lb)
BB180C-340	18.0V 4.0 A.h	106 x 79 x 78 mm	85 min.	0.6 kg (1.4 lb)
BB200E-320	20.0V 2.0 A.h	117 x 77 x 16 mm	45 min.	0.4 kg (0.9 lb)
BB200E-340	20.0V 4.0 A.h	117 x 77 x 64 mm	85 min.	0.8 kg (1.7 lb)



E86B-UL



E86B-AS



E86B-VD



E86B-UK

Power cords (for charger use)

Part No.	Description	Weight
E86B-UL	for USA region	62 g (0.13 lb)
E86B-VD	for Europe region	79 g (0.17 lb)
E86B-AS	for Australia region	105 g (0.23 lb)
E86B-UK	for England region	151 g (0.33 lb)

Chargers



B84B



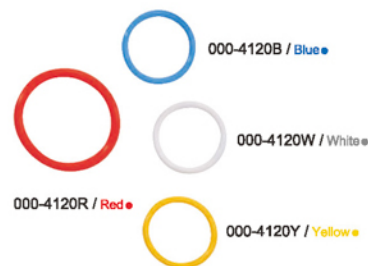
B84192B



31084-200E

Part No.	Description	Weight
B84B	Input:100~240 VAC Output:10.8~14.4 V DC	0.51 kg (1.12 lb)
B84192B	Input:100~240 VAC Output:18~19.2 V DC	0.51 kg (1.12 lb)
31084-200E	Input:100~240 VAC Output:18~20 V DC	1 kg (2.2 lb)

Marking color rings (suit to WRTBA series)



Marking color rings (suit to 5CB series)



Tool covers



C16SC180B
(For SCB series)



C16WRB
(For WRT(B)A series)



33116-IWCP-01
(For IWT series)



C16PW15
(For PW-15 series)



C16PW25
(For PW-25 & 35 series)



C16PW45
(For PW-45 series)

Tool covers



33116-WRCA-02
(For WRTBA-50 & 60)



33116-WRCA-03
(For WRTBA-70 & 90)



33116-WRDA-01
(For WRTCA-07 & 14)



33116-WRDA-02
(For WRTCA-30S3)

Battery pack covers



C16180C-20
(For 18V 2.0 A.h battery pack)



C16180C-40
(For 18V 4.0 A.h battery pack)



33116-B200E-01
(For 20V 2.0 A.h battery pack)



33116-B200E-02
(For 20V 4.0 A.h battery pack)



Adjustment screwdrivers

Suspension balls

(To suspend the tool on a balancer.)



➤ Part No. D39SC180B-1
(For SCB series)



➤ Part No. 33257-WRBA-01
(For WRT(B)A series)



➤ Part No. SW40-283-0102
(For PW series)



➤ Part No. D57SC108B-1
(For All series)

Spanner



➤ Part No. 33257-WRAA-01B
(For WRT(B)A & WRTCA series)

Adjustment Allen Wrenches



➤ Part No. 000-4610
(For PW series)



➤ Part No. 000-4621
(For PW-15, PW-15S3 series)

Programmer

-For Du-Pas cordless tools-

Model No. B74SC180B

More useful functions can be referred to in the Programmer Instruction Manual.



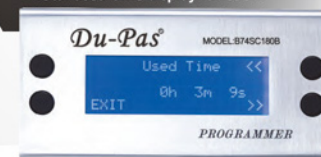
● Increase tool speed

● Decrease tool speed

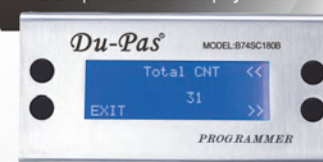
• Easy to set the tool speed.

1. High speed for metallic assemblies.
2. Medium speed for plastic assemblies.
3. Low speed for special assemblies.

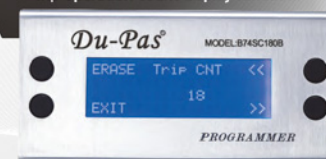
• Total used time display function.



• Total operation count display function.



• Trip operation count display function.

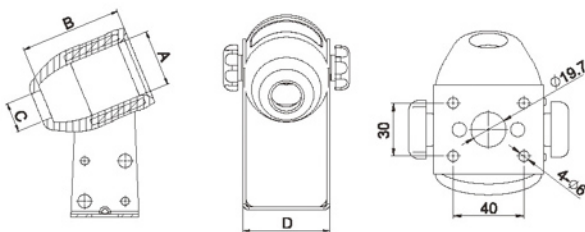


Tool Holsters

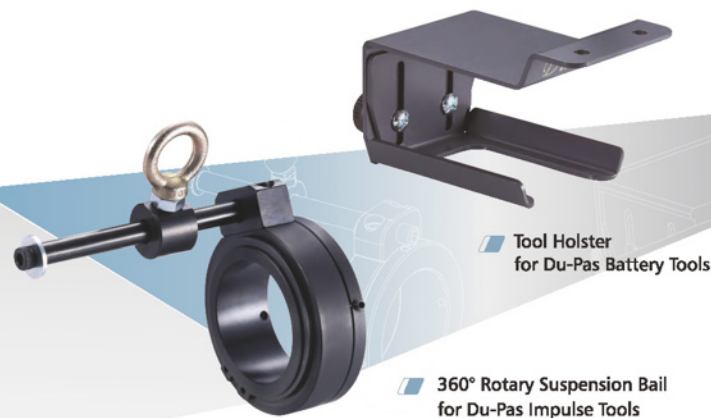
-For Du-Pas Pistol and Straight type tools-



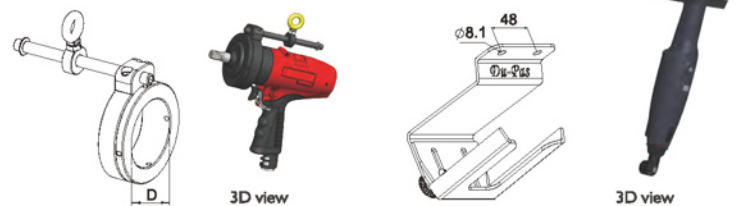
Part No. 61022-TH001



Part No.	Dimension "A"	Dimension "B"	Dimension "C"	Dimension "D"
61022-TH001	42mm	75mm	22mm	62.3mm
61022-TH002	47mm	30mm	26mm	69.3mm
61022-TH003	58mm	55mm	33mm	80.3mm
61022-TH004	73mm	45mm	45mm	95.3mm



360° Rotary Suspension Ball for Du-Pas Impulse Tools



Tool Holster for Du-Pas Battery Tools

360° Rotary Suspension Balls for Du-Pas Impulse Tools			Tool Holster for Du-Pas Battery Tools	
Part No.	D (mm)	Apply to	Part No. 61022-TH005	
61022-SB001	51.3	TD(S)-90	Apply to	
61022-SB002	55.3	TD(S)-100	SCT-3 · SCT-6 · SCT-9 · SCT-12 · SC180BS3 · SC180BS6 · SC180BS9 · SC180BS12 · PW-15 · PW-25 · PW-35 · PW-45 · WRTA-10 · WRTA-16 · WRTA-30 · WRTA-35 · WRTA-50 · WRTA-70 · WRTBA-10 · WRTBA-16 · WRTBA-30 · WRTBA-35 · WRTBA-50 · WRTBA-70 · R180CBH	
61022-SB003	61.3	TD(S)-130		
61022-SB004	69.3	TD(S)-150		
61022-SB005	70	TD(S)-180		



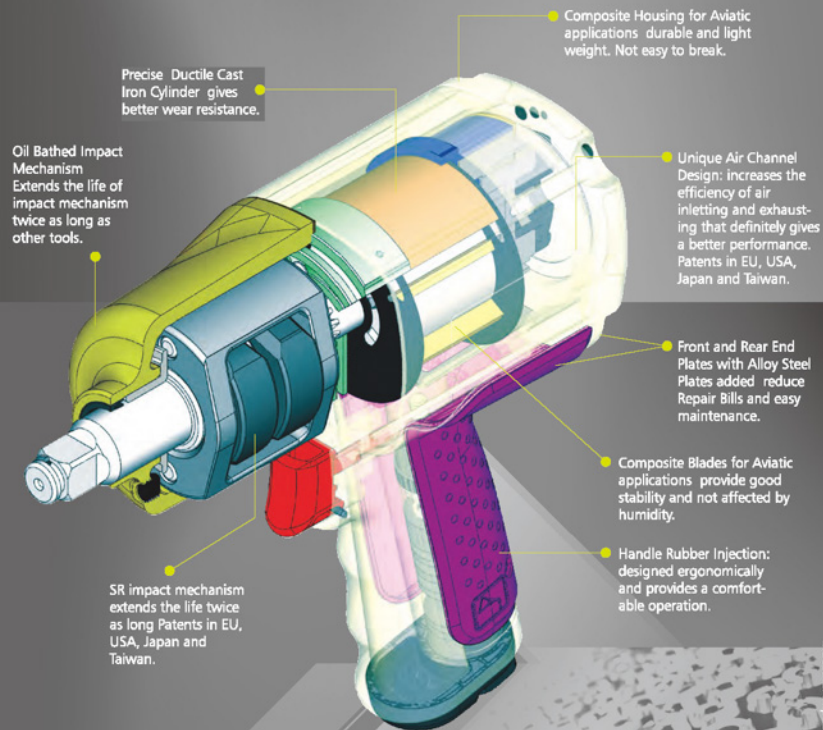
Industrial Impact Tools

■ TDW series ■ TDW series - Oil-Bathed Type

The TDW Impact Tools are specially made for industrial applications. The design of the durable mechanism enhances customers' productivity and operations giving them a favorable solution for long working hours on assembly lines.

Highlights

Industrial Composite Impact Wrench



TDW Series - Oil-Bathed Type

TDW-278V

Industrial 3/4"
impact wrench,
Super Hammer
Composite Housing



TDW-243N

Industrial 1/2"
impact wrench,
Twin Hammer
Composite Housing



TDW-243C

Industrial 3/8"
impact wrench,
Super Hammer
Composite Housing



TDW-243E

Industrial 1/2"
impact wrench,
Twin Hammer



TDW-307B

Industrial 1/2"
impact wrench,
Super Hammer
Composite Housing



Model	Drive Size	Free Speed	Bolt Capacity	Working Torque		Max. Torque		Weight		Overall Length		Noise Level	Air Cons.	Air Inlet	Hose Size	Vibration Level
	Inch	rpm	mm	N.m	ft-lb	N.m	ft-lb	lb	kg	Inch	mm	dBA	l/min	Inch	Inch	m/s ²
TDW-243C	3/8"	8500	M12	50-240	37-177	403	297	2.9	1.3	6.6	170	86	210	1/4"	3/8"	7.3
TDW-243C-4	1/2"	8500	M14	50-260	37-192	403	297	2.9	1.3	6.6	170	86	210	1/4"	3/8"	7.3
TDW-243E	1/2"	7000	M12	50-200	37-147	403	297	2.6	1.2	7.2	185	92	140	1/4"	3/8"	6.9
TDW-243N	1/2"	7500	M12	50-220	37-162	280	206	2.6	1.2	5	127	87	118	1/4"	3/8"	7.8
TDW-307B	1/2"	8000	M18	200-500	147-368	1,080	796	4.6	2.1	7.7	198	88	161	1/4"	3/8"	9.4
TDW-278V	3/4"	5000	M22	400-900	295-663	1,894	1,396	8.4	3.8	9.5	244	88	221	3/8"	3/8"	10.8
TDW-315S-L	1"	5000	M32	500-1500	368-1105	1,964	1,447	18.5	8.4	20.5	525	95	300	1/2"	1/2"	17.7
TDW-315S	1"	5000	M32	500-1500	368-1105	1,964	1,447	16.1	7.3	14.4	370	95	300	1/2"	1/2"	17.7

TDW-315S-L

Industrial 1"
Impact wrench
Twin Hammer



TDW series



TDW-767

Industrial 1/4" screwdriver



TDW-767S3

Industrial 3/8" impact wrench



TDW-777

Industrial 1/4" screwdriver



TDW-757

Industrial 1/4" screwdriver



TDW-757S3

Industrial 3/8" impact wrench

Model	Drive Size	Free Speed	Bolt Capacity	Working Torque		Max. Torque		Weight		Overall Length		Noise Level	Air Cons.	Air Inlet	Hose Size	Vibration Level
	Inch	rpm	mm	N.m	ft-lb	N.m	ft-lb	lb	kg	Inch	mm	dBA	l/min	Inch	Inch	m/s ²
TDW-757	1/4" F/Hex	8,000	M5-M6	10-45	7-33	88	65	2.2	1	7.8	201	92	80	1/4"	1/4"	5.6
TDW-757S3	3/8"	8,000	M6-M8	10-50	7-37	88	65	2.2	0.98	7.5	193	92	80	1/4"	1/4"	5.6
TDW-767	1/4" F/Hex	8,000	M5-M6	10-45	7-33	88	65	2.5	1.15	6.6	168	87	95	1/4"	1/4"	5.3
TDW-767S3	3/8"	8,000	M6-M8	10-50	7-37	88	65	2.5	1.12	6.2	159	87	95	1/4"	1/4"	5.3
TDW-777	1/4" F/Hex	8,000	M6	10-40	7-30	79	58	2	0.9	6	155	82	80	1/4"	1/4"	5

➤ Digital Torque Wrenches

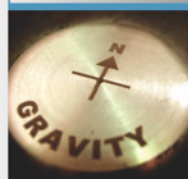


GRAVITY

The gravity in the calibration lab is measured as 978821.964 (mGal) by National Science Council in Taiwan.

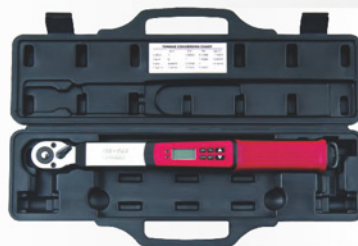
ISO 17025

Every torque wrench in DTW series is tested in the calibration lab that complies with the ISO: 17025.



THE CALIBRATION MACHINE

The calibration machine is designed for testing and calibrating. With repeated and careful testing processes, staff can record the results by computers, and have quality control to each of digital torque wrenches.



Calibration Laboratory

Calibration Laboratory

The Calibration Lab. is approved by Taiwan Accreditation Foundation (TAF).

Model	SQ.Drive	N.m	Ft-lbs	In-lbs	Kgm	Length (mm)	Weight (kg)
DTW-3135	3/8"	10-135	7.4-99.6	89-1198	1-13.7	400	1.2
DTW-4135	1/2"	10-135	7.4-99.6	89-1198	1-13.7	400	1.2
DTW-3200	3/8"	20-200	14.8-147	178-1780	2-20.4	570	1.6
DTW-4200	1/2"	20-200	14.8-147	178-1780	2-20.4	570	1.6
DTW-4340	1/2"	34-340	25-250.9	303-3010	3.5-34.7	770	2

Accuracy	CW $\pm 2\%$ +1 LSD / CCW $\pm 3\%$ +1 LSD
Direction	Clockwise/Counter-clockwise
Torque Unit	N.m / Ft-lbs / In-lbs / Kgm
Battery	9V (Alkaline) X1
Operation Temperature	5~45°C (32~107°F)
Storage Temperature	-20~50°C (-4~107°F)
Power	Auto shutdown after 90 seconds idle



Every torque wrench in DTW series complies with ISO:6789 and must pass 100% strict quality inspection and test.

