

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.



ISO-9001 CERTIFICATED

INDUSTRIAL POWER TOOLS

Du-Pas®



TP
TRANMAX
Tranmax Machinery

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TP
TRANMAX
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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

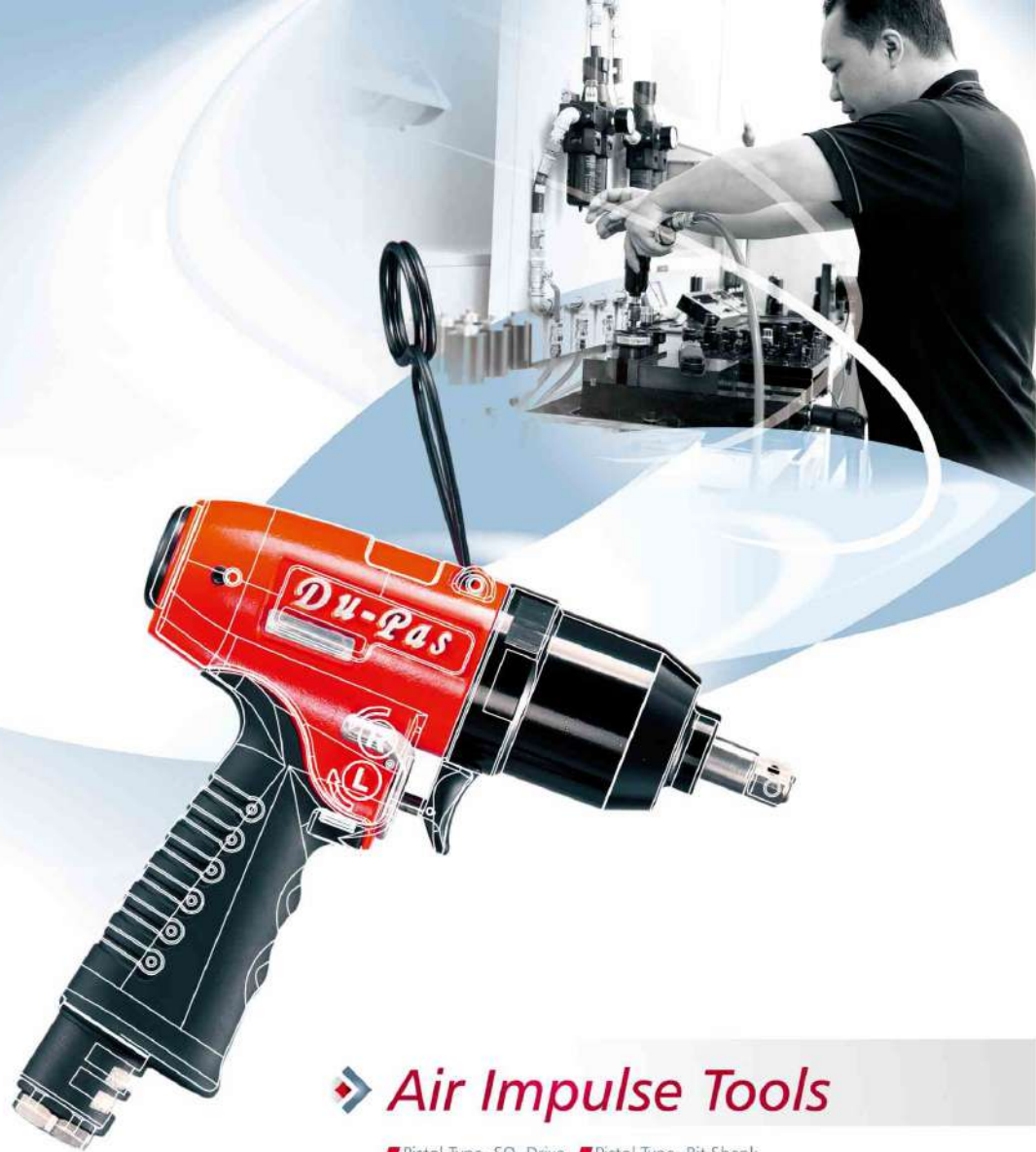


➤ All Du-Pas® Tools are CE certified.



➤➤ 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

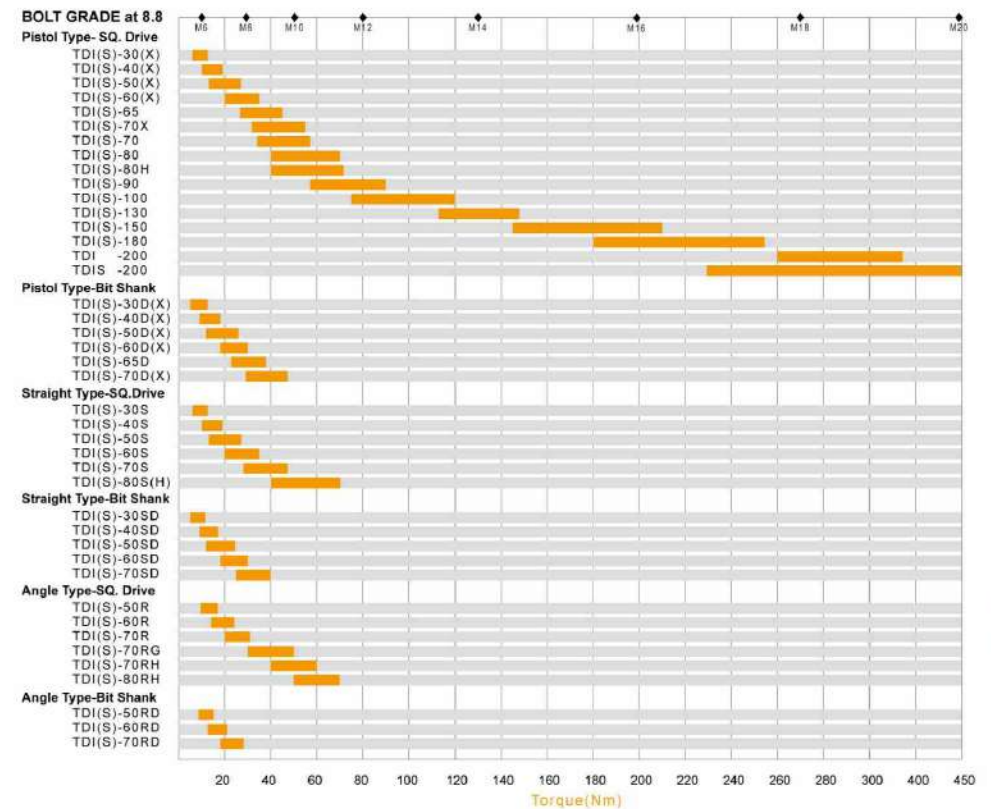
TIGHTENING TORQUE (Nm)

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

Bolt Size mm	Bolt Grade						Bolt Size mm	Bolt Grade					
	4.6	4.8	5.8	8.8	10.9	12.9		4.6	4.8	5.8	8.8	10.9	12.9
M2	0.13	0.17	0.22	0.35	0.49	0.58	M18	103	121	172	275	386	463
M3	0.46	0.61	0.77	1.20	1.70	2.10	M20	144	170	240	385	541	649
M4	1.10	1.40	1.80	2.90	4.00	4.90	M22	194	230	324	518	728	874
M5	2.20	2.95	3.60	5.70	8.10	9.70	M24	249	295	416	665	935	1120
M6	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.

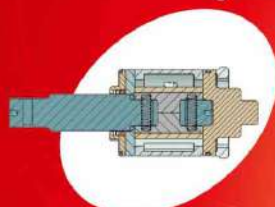
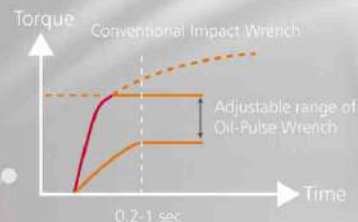


Highlights

Air Impulse Tools



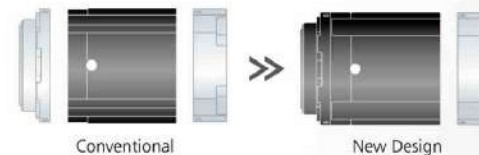
Twin Drive Blades reduce noise and vibration and increase impulse frequency



X-Shape Sealing improves better repeatability

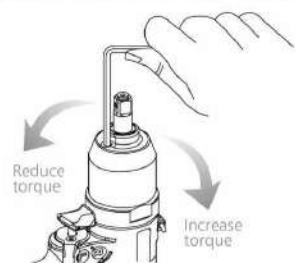


One hand reverse operation for Right or Left handed operators



Unibodied Front End Plate & Cylinder advance the Motor Efficiency

Easy Torque Adjustment



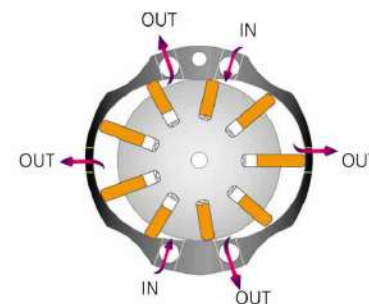
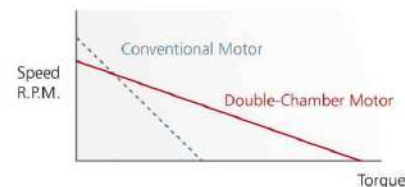
The desired torque can be easily adjusted by turning the adjusting screw through the hole on the pulse unit housing.

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.



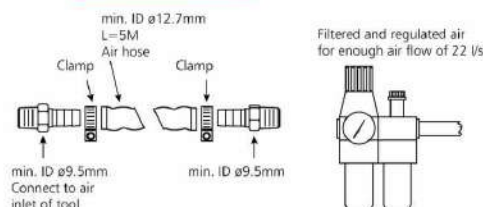
Pistol Type- SQ. Drive

-3/4" Impulse Wrenches-



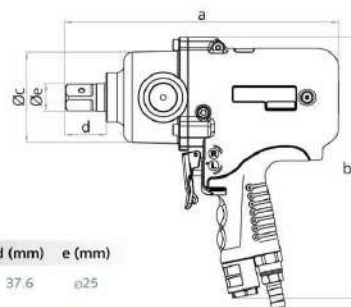
Light Weight:
4.25 kgs
Max. Torque:
450 Nm

TDI-200
TDS-200



Dimensions

Model	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
TDI(S)-200	250.1	239.3	ø83	37.6	ø25



Non shut-off

Model	SQ Drive	Bolt Capacity	Torque Range 5-6kg/cm ²	Free Speed	Weight	Length	Noise Level	Average Air Consumption	Hose Size
	mm(inch)	mm	Nm (ft-lb)	5kg/cm ² 6kg/cm ²	kg	mm	dB(A)	m ³ /min ft ³ /min	mm
TDI-200	19(3/4")	M18-M20	260-385(191-283)	2800 3000	4.2	250.1	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	Bolt Capacity	Torque Range 6-7kg/cm ²	Free Speed	Weight	Length	Noise Level	Average Air Consumption	Hose Size
	mm(inch)	mm	Nm (ft-lb)	6kg/cm ² 7kg/cm ²	kg	mm	dB(A)	m ³ /min ft ³ /min	mm
TDS-200	19(3/4")	M18-M20	230-450(170-332)	3000 3100	4.25	250.1	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.



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	Bolt Capacity	Torque Range 5-6kg/cm ²	Free Speed	Weight	Length	Noise Level	Average Air Consumption	Hose Size
	mm(inch)	mm	Nm (ft-lb)	5kg/cm ² 6kg/cm ²	kg	mm	dB(A)	m ³ /min ft ³ /min	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	239	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	Bolt Capacity	Torque Range 5-6kg/cm ²	Free Speed	Weight	Length	Noise Level	Average Air Consumption	Hose Size
	mm(inch)	mm	Nm (ft-lb)	5kg/cm ² 6kg/cm ²	kg	mm	dB(A)	m ³ /min ft ³ /min	mm
TDS-130	12.7(1/2")	M14-M16	113-148(83.2-109)	3300 3600	2.26	216	86	0.73 25.6	11
TDS-150	19(3/4")	M16	145-210(106.8-154.6)	3500 3700	3.10	239	86	0.73 25.6	11
TDS-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 : 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-

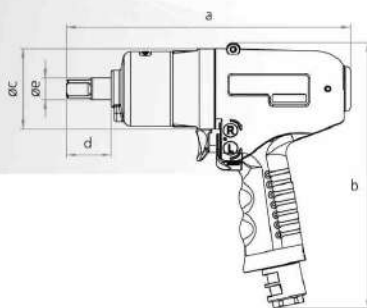


TDI-90
TDIS-90

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 5-6kg/cm ²	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)			5kg/cm ²	6kg/cm ²				m ³ /min	ft ³ /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
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
TDI-70	9.5(3/8")	M10-M12	34-57(25-42)	6900	7200	1.33	194	82	0.45	15.9	8

Auto shut-off

Model	SQ Drive	Bolt Capacity	Torque Range 5-6kg/cm ²	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)			5kg/cm ²	6kg/cm ²				m ³ /min	ft ³ /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
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
TDIS-70	9.5(3/8")	M10-M12	34-57(25-42)	6900	7200	1.35	194	82	0.45	15.9	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

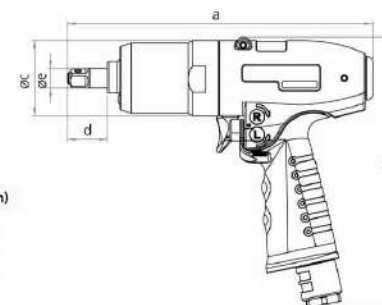
Air Hose Size : 10mm×6.5mm×5m for TDI(S)-30~50 12mm×8mm×5m for TDI(S)-60~100 16mm×11mm×5m for TDI(S)-130~180



TDI-65
TDIS-65

TDI-70X
TDIS-70X

TDI-70
TDIS-70



Dimensions

Model	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
TDI(S)-65	189	170	ø47	25	ø12
TDI(S)-70X	189	170	ø47	25	ø12
TDI(S)-70	194	192	ø53.5	25	ø12

Non shut-off

Model	SQ Drive	Bolt Capacity	Torque Range 5-6kg/cm ²	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)			5kg/cm ²	6kg/cm ²				m ³ /min	ft ³ /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
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
TDI-90	12.7(1/2")	M12	57-90(42-66.3)	5000	5400	1.53	200	83	0.53	18.7	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

Auto shut-off

Model	SQ Drive	Bolt Capacity	Torque Range 5-6kg/cm ²	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)			5kg/cm ²	6kg/cm ²				m ³ /min	ft ³ /min	
TDIS-80	9.5(3/8")	M10-M12	40-68(29.5-50.1)	4800	5100	1.21	194	82	0.5	17.6	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
TDIS-90	12.7(1/2")	M12	57-90(42-66.3)	5000	5400	1.55	200	83	0.53	18.7	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

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

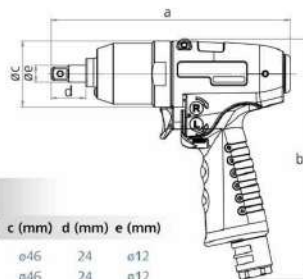
-Air Impulse Tools-

Dimensions

Model	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
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

Model	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
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	Bolt Capacity	Torque Range 5-6kg/cm²	Free Speed	Weight	Length	Noise Level	Average Air Consumption	Hose Size
	mm(inch)	mm	Nm (ft-lb)	5kg/cm² 6kg/cm²	kg	mm	dB(A)	m³/min ft³/min	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	136	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	136	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	136	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	147	82	0.4 14.1	8

■ Auto shut-off

Model	SQ Drive	Bolt Capacity	Torque Range 5-6kg/cm²	Free Speed	Weight	Length	Noise Level	Average Air Consumption	Hose Size
	mm(inch)	mm	Nm (ft-lb)	5kg/cm² 6kg/cm²	kg	mm	dB(A)	m³/min ft³/min	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 TDIS-60~100 16mm×11mm×5m for TDI(S)-130~180

Pistol Type- Bit Shank

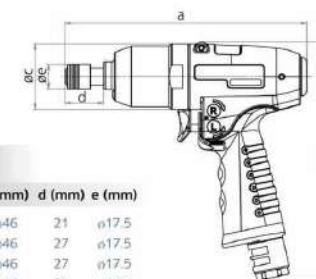
-Air Impulse Tools-

Dimensions

Model	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
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

Model	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
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-70D
TDIS-70D



TDI-30DX
TDI-40DX
TDI-50DX
TDI-60DX

TDI-65D
TDIS-65D
TDI-70DX
TDIS-70DX

■ Non shut-off

Model	Hex Size	Bolt Capacity	Torque Range 5-6kg/cm²	Bit Shank	Free Speed	Weight	Length	Noise Level	Average Air Consumption	Hose Size
	mm(inch)	mm	Nm (ft-lb)	mm	5kg/cm² 6kg/cm²	kg	mm	dB(A)	m³/min ft³/min	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	133	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	139	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	139	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	150	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	Bolt Capacity	Torque Range 5-6kg/cm²	Bit Shank	Free Speed	Weight	Length	Noise Level	Average Air Consumption	Hose Size
	mm(inch)	mm	Nm (ft-lb)	mm	5kg/cm² 6kg/cm²	kg	mm	dB(A)	m³/min ft³/min	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 TDIS-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)
TDI(S)-30S	221	ø46	24	ø12
TDI(S)-40S	221	ø46	24	ø12
TDI(S)-50S	221	ø46	24	ø12
TDI(S)-60S	231	ø46	24	ø12
TDI(S)-70S	244	ø48	25	ø12
TDI(S)-80S	248	ø48	25	ø12
TDI(S)-80SH	251	ø48	31	ø16

Non shut-off

Model	SQ Drive	Bolt Capacity	Torque Range 5-6kg/cm ²	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)	mm	Nm (ft-lb)	5kg/cm ²	6kg/cm ²	kg	mm	dB(A)	m ³ /min	ft ³ /min	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	Bolt Capacity	Torque Range 5-6kg/cm ²	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)	mm	Nm (ft-lb)	5kg/cm ²	6kg/cm ²	kg	mm	dB(A)	m ³ /min	ft ³ /min	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	40-68(29.5-50.1)	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 : 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- 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	Bolt Capacity	Torque Range 5-6kg/cm ²	Bit Shank	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)	mm	Nm (ft-lb)	mm	5kg/cm ²	6kg/cm ²	kg	mm	dB(A)	m ³ /min	ft ³ /min	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	Bolt Capacity	Torque Range 5-6kg/cm ²	Bit Shank	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)	mm	Nm (ft-lb)	mm	5kg/cm ²	6kg/cm ²	kg	mm	dB(A)	m ³ /min	ft ³ /min	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 : 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

Non shut-off

Model	SQ Drive	Bolt Capacity	Torque Range 5-6kg/cm ²	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)			5kg/cm ²	6kg/cm ²				m ³ /min	ft ³ /min	
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	0.45	15.9	8

Angle Type- SQ. Drive

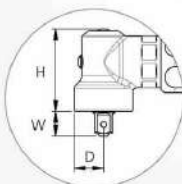
-Air Impulse Tools-



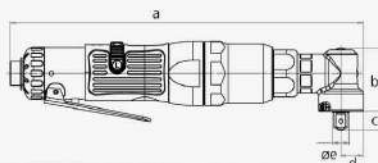
TDI-50R
TDS-50R

TDI-60R
TDS-60R

TDI-70R
TDS-70R



TDI-70RG • 70RH • 80RH
TDS-70RG • 70RH • 80RH



Dimensions

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

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

Auto shut-off

Model	SQ Drive	Bolt Capacity	Torque Range 5-6kg/cm ²	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)			5kg/cm ²	6kg/cm ²				m ³ /min	ft ³ /min	
TDS-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
TDS-60R	9.5(3/8")	M8	14-24(10.3-17.7)	4400	4700	1.3	264	80	0.4	14.1	8
TDS-70R	9.5(3/8")	M8-M10	20-31(14.7-22.8)	4200	4500	1.4	272	80	0.4	14.1	8
TDS-70RG	9.5(3/8")	M10	30-50(22.1-36.8)	1800	2000	1.6	281	82	0.4	14.1	8
TDS-70RH	12.7(1/2")	M10-M12	40-60(29.5-44.2)	2000	2200	1.6	281	82	0.4	14.1	8
TDS-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 (5 kg/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-



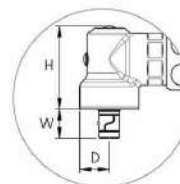
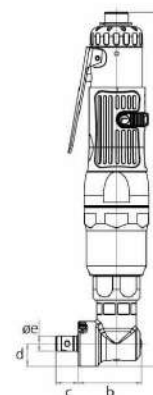
TDI-70RD
TDS-70RD



TDI-60RD
TDS-60RD



TDI-50RD
TDS-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	Bolt Capacity	Torque Range 5-6kg/cm ²	Bit Shank	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)				5kg/cm ²	6kg/cm ²				m ³ /min	ft ³ /min	
TDI-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
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	Bolt Capacity	Torque Range 5-6kg/cm ²	Bit Shank	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)				5kg/cm ²	6kg/cm ²				m ³ /min	ft ³ /min	
TDS-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
TDS-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
TDS-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 (5 kg/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

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 oil after every 250,000 pulse-seconds. Please contact your local Du-Pas distributor for purchase.



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-D Series

Shut-off Clutch Screwdrivers

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

Highlights



Pistol Type

-Industrial Air Screwdrivers-



Dimensions (Unit: mm)				
Model	a	b	c	d
TDCS-D08	218	162.3	Ø16	16
TDCS-D10	211	162.3	Ø16	16
TDCS-D20	197.5	180	Ø16	15
TDCS-D30	228	180	Ø16	15
TDCS-D40	234	186	Ø16	15
TDCS-D50	234	186	Ø16	15

Torque Conversion

Nm	kg-cm	in-lbs	Nm	kg-cm	in-lbs	Nm	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

SPECIFICATIONS

Model	Drive Size	Screw Size	Torque Range		Free Speed	Weight		Air Inlet	Noise Level	Air Consumption	
			Nm	in-lb		kg	lb			l/s	cfm
TDCS-D08-1500	1/4" Hex.	M2	0.4 - 0.7	3.5 - 6.2	1,500	0.70	1.54	1/4"	72	3.5	7
TDCS-D08-1100	1/4" Hex.	M2	0.4 - 1	3.5 - 8.8	1,100	0.70	1.54	1/4"	72	3.5	7
TDCS-D10-1600	1/4" Hex.	M2-M3	0.7 - 1.3	6.2 - 11.5	1,600	0.90	1.98	1/4"	75	5.5	12
TDCS-D10-900	1/4" Hex.	M3	0.7 - 2	6.2 - 17.7	900	0.90	1.98	1/4"	75	5.5	12
TDCS-D20-3500	1/4" Hex.	M3	0.7 - 2.3	6.2 - 20	3,500	1.07	2.35	1/4"	75	13	27
TDCS-D20-3000	1/4" Hex.	M3-M4	0.8 - 3	7.1 - 27	3,000	1.07	2.35	1/4"	75	13	27
TDCS-D20-2000	1/4" Hex.	M3-M4	0.8 - 4.5	7.1 - 40	2,000	1.07	2.35	1/4"	75	13	27
TDCS-D20-1100	1/4" Hex.	M3-M5	1.2 - 6	10.6 - 53	1,100	1.07	2.35	1/4"	75	13	27
TDCS-D30-700	1/4" Hex.	M4-M5	4 - 9	35 - 80	700	1.22	2.68	1/4"	75	13	27
TDCS-D30-500	1/4" Hex.	M4-M6	4 - 11	35 - 97	500	1.22	2.68	1/4"	75	13	27
TDCS-D40-550	1/4" Hex.	M5-M6	7 - 14	62 - 124	550	1.50	3.30	1/4"	80	17	35
TDCS-D50-380	1/4" Hex.	M6-M8	9 - 18	80 - 159	380	1.50	3.30	1/4"	80	17	35

Recommended Air Pressure : TDCS-D08, D10 : 70 PSI (5kg / cm²) / 0.5Mpa ; TDCS-D20, D30, D40, D50 : 85 PSI (6kg / cm²) / 0.6Mpa
Air Hose Size : 10mm×6.5mm×5m

Lever Start

-Industrial Air Screwdrivers-



Dimensions (Unit: mm)				
Model	a	b	c	d
TDCS-D08SL	238	ø26	ø16	16
TDCS-D10SL	246	ø31.5	ø16	16
TDCS-D15SL	241	ø36	ø16	15
TDCS-D20SL	254	ø39	ø16	15
TDCS-D30SL	284	ø39	ø16	15
TDCS-D40SL	308	ø45	ø16	15
TDCS-D50SL	308	ø45	ø16	15

Push Start

-Industrial Air Screwdrivers-



Dimensions (Unit: mm)				
Model	a	b	c	d
TDCS-D08S	216.1	ø26	ø16	16
TDCS-D10S	229.1	ø31.5	ø16	16
TDCS-D15S	225	ø36	ø16	15
TDCS-D20S	242	ø39	ø16	15
TDCS-D30S	272	ø39	ø16	15
TDCS-D40S	295	ø45	ø16	15
TDCS-D50S	295	ø45	ø16	15

SPECIFICATIONS

Model	Drive Size	Screw Size	Torque Range		Free Speed	Weight		Air Inlet	Noise Level	Air Consumption	
	inch	mm	Nm	in-lb	rpm	kg	lb	inch	dB(A)	l/s	cfm
TDCS-D08SL-1500	1/4" Hex.	M2	0.4 - 0.7	3.5 - 6.2	1,500	0.41	0.90	1/8"	73	3.5	7
TDCS-D08SL-1100	1/4" Hex.	M2	0.4 - 1	3.5 - 8.8	1,100	0.41	0.90	1/8"	73	3.5	7
TDCS-D10SL-1600	1/4" Hex.	M2-M3	0.7 - 1.3	6.2 - 11.5	1,600	0.63	1.39	1/8"	75	5.5	12
TDCS-D10SL-900	1/4" Hex.	M3	0.7 - 2	6.2 - 17.7	900	0.63	1.39	1/8"	75	5.5	12
TDCS-D15SL-2000	1/4" Hex.	M2-M3	0.5 - 2.5	4.4 - 22	2,000	0.71	1.56	1/8"	81	4.5	10
TDCS-D15SL-1300	1/4" Hex.	M3-M4	0.8 - 3.5	7.1 - 31	1,300	0.71	1.56	1/8"	81	4.5	10
TDCS-D15SL-1000	1/4" Hex.	M3-M4	0.8 - 4.5	7.1 - 40	1,000	0.71	1.56	1/8"	81	4.5	10
TDCS-D15SL-750	1/4" Hex.	M3-M5	0.8 - 5	7.1 - 44	750	0.71	1.56	1/8"	81	4.5	10
TDCS-D20SL-3500	1/4" Hex.	M3	0.7 - 2.3	6.2 - 20	3,500	0.87	1.91	1/4"	78	7	15
TDCS-D20SL-3000	1/4" Hex.	M3-M4	0.8 - 3	7.1 - 27	3,000	0.87	1.91	1/4"	78	7	15
TDCS-D20SL-2000	1/4" Hex.	M3-M4	0.8 - 4.5	7.1 - 40	2,000	0.87	1.91	1/4"	78	7	15
TDCS-D20SL-1100	1/4" Hex.	M3-M5	1.2 - 6	10.6 - 53	1,100	0.87	1.91	1/4"	78	7	15
TDCS-D30SL-700	1/4" Hex.	M4-M5	4 - 9	35 - 80	700	1.01	2.22	1/4"	78	7	15
TDCS-D30SL-500	1/4" Hex.	M4-M6	4 - 11	35 - 97	500	1.01	2.22	1/4"	78	7	15
TDCS-D40SL-550	1/4" Hex.	M5-M6	7 - 14	62 - 124	550	1.34	2.95	1/4"	83	8	17
TDCS-D50SL-380	1/4" Hex.	M6-M8	9 - 18	80 - 159	380	1.34	2.95	1/4"	83	8	17

Recommended Air Pressure : TDCS-D08,D10 : 70 PSI (5kg / cm²) / 0.5Mpa ; TDCS-D15,D20,D30,D40,D50 : 85 PSI (6kg / cm²) / 0.6Mpa
Air Hose Size : 10mm×6.5mm×5m

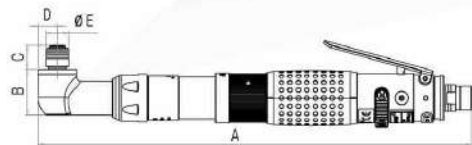
SPECIFICATIONS

Model	Drive Size	Screw Size	Torque Range		Free Speed	Weight		Air Inlet	Noise Level	Air Consumption	
	inch	mm	Nm	in-lb	rpm	kg	lb	inch	dB(A)	l/s	cfm
TDCS-D08S-1500	1/4" Hex.	M2	0.4 - 0.7	3.5 - 6.2	1,500	0.35	0.77	1/8"	73	3.5	7
TDCS-D08S-1100	1/4" Hex.	M2	0.4 - 1	3.5 - 8.8	1,100	0.35	0.77	1/8"	73	3.5	7
TDCS-D10S-1600	1/4" Hex.	M2-M3	0.7 - 1.3	6.2 - 11.5	1,600	0.60	1.32	1/8"	75	5.5	12
TDCS-D10S-900	1/4" Hex.	M3	0.7 - 2	6.2 - 17.7	900	0.60	1.32	1/8"	75	5.5	12
TDCS-D15S-2000	1/4" Hex.	M2-M3	0.5 - 2.5	4.4 - 22	2,000	0.66	1.45	1/8"	79	4.5	10
TDCS-D15S-1300	1/4" Hex.	M3-M4	0.8 - 3.5	7.1 - 31	1,300	0.66	1.45	1/8"	79	4.5	10
TDCS-D15S-1000	1/4" Hex.	M3-M4	0.8 - 4.5	7.1 - 40	1,000	0.66	1.45	1/8"	79	4.5	10
TDCS-D15S-750	1/4" Hex.	M3-M5	0.8 - 5	7.1 - 44	750	0.66	1.45	1/8"	79	4.5	10
TDCS-D20S-3500	1/4" Hex.	M3	0.7 - 2.3	6.2 - 20	3,500	0.82	1.80	1/4"	78	7.5	16
TDCS-D20S-3000	1/4" Hex.	M3-M4	0.8 - 3	7.1 - 27	3,000	0.82	1.80	1/4"	78	7.5	16
TDCS-D20S-2000	1/4" Hex.	M3-M4	0.8 - 4.5	7.1 - 40	2,000	0.82	1.80	1/4"	78	7.5	16
TDCS-D20S-1100	1/4" Hex.	M3-M5	1.2 - 6	10.6 - 53	1,100	0.82	1.80	1/4"	78	7.5	16
TDCS-D30S-700	1/4" Hex.	M4-M5	4 - 9	35 - 80	700	0.96	2.11	1/4"	78	7.5	16
TDCS-D30S-500	1/4" Hex.	M4-M6	4 - 11	35 - 97	500	0.96	2.11	1/4"	78	7.5	16
TDCS-D40S-550	1/4" Hex.	M5-M6	7 - 14	62 - 124	550	1.26	2.77	1/4"	82	9.5	20
TDCS-D50S-380	1/4" Hex.	M6-M8	9 - 18	80 - 159	380	1.26	2.77	1/4"	82	9.5	20

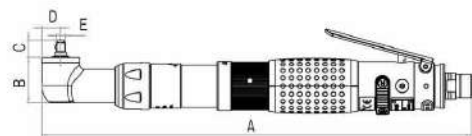
Recommended Air Pressure : TDCS-D08,D10 : 70 PSI (5kg / cm²) / 0.5Mpa ; TDCS-D15,D20,D30,D40,D50 : 85 PSI (6kg / cm²) / 0.6Mpa
Air Hose Size : 10mm×6.5mm×5m

Angle Type

-Industrial Air Screwdrivers-



RS / RQ TYPE



RW / RX / RY TYPE

Dimensions (Unit: mm)

Model	a	b	c	d	e
TDCS-D08RS-C	284.1	30	11.5	12	ø11
TDCS-D10RS-C	290.5	30	11.5	12	ø11
TDCS-D15RQ-C	292	33	17	13.5	ø16
TDCS-D15RW-C	292	33	13	13.5	1/4"
TDCS-D15RX-C	292	33	14	13.5	3/8"
TDCS-D20RQ-C	306	33	17	13.5	ø16
TDCS-D20RW-C	306	33	13	13.5	1/4"
TDCS-D20RX-C	306	33	14	13.5	3/8"
TDCS-D30RQ-C	336	33	17	13.5	ø16
TDCS-D30RW-C	336	33	13	13.5	1/4"
TDCS-D30RX-C	336	33	14	13.5	3/8"
TDCS-D40RX-C	366	38	14	16	3/8"
TDCS-D50RX-C	366	38	14	16	3/8"
TDCS-D60RX-C	408	34	15	18.5	3/8"
TDCS-D60RY-C	408	34	19	18.5	1/2"
TDCS-D70RX	408	34	15	18.5	3/8"
TDCS-D70RY	408	34	19	18.5	1/2"

SPECIFICATIONS

Model	Drive Size	Screw Size	Torque Range		Free Speed	Weight		Air Inlet	Noise Level	Air Consumption	
	inch	mm	Nm	in-lb	rpm	kg	lb	inch	dB(A)	l/s	cfm
TDCS-D08RS-1500-C	1/4" Hex.	M2	0.4 - 0.7	3.5 - 6.2	1,500	0.56	1.23	1/8"	73	3.5	7
TDCS-D08RS-1100-C	1/4" Hex.	M2	0.4 - 1	3.5 - 8.8	1,100	0.56	1.23	1/8"	73	3.5	7
TDCS-D10RS-1600-C	1/4" Hex.	M2 - M3	0.7 - 1.3	6.2 - 11.5	1,600	0.80	1.76	1/8"	75	5.5	12
TDCS-D10RS-900-C	1/4" Hex.	M3	0.7 - 2	6.2 - 17.7	900	0.80	1.76	1/8"	75	5.5	12
TDCS-D15RQ-1300-C	1/4" Hex.	M3 - M4	1 - 3.5	8.8 - 31	1,300	0.98	2.16	1/8"	81	4.5	10
TDCS-D15RW-1300-C	1/4" Sq.										
TDCS-D15RX-1300-C	3/8" Sq.	M3 - M5	1.4 - 4.5	12.4 - 40	800	0.98	2.16	1/8"	81	4.5	10
TDCS-D15RQ-800-C	1/4" Hex.										
TDCS-D15RW-800-C	1/4" Sq.	M3 - M5	1.4 - 6	12.4 - 53	650	0.98	2.16	1/8"	81	4.5	10
TDCS-D15RX-800-C	3/8" Sq.										
TDCS-D15RQ-650-C	1/4" Hex.	M3 - M5	1.4 - 7	12.4 - 62	500	0.98	2.16	1/8"	81	4.5	10
TDCS-D15RW-650-C	1/4" Sq.										
TDCS-D15RX-650-C	3/8" Sq.	M3 - M4	1.2 - 3	10.6 - 27	2,200	1.14	2.51	1/4"	78	7	15
TDCS-D15RQ-500-C	1/4" Hex.										
TDCS-D15RW-500-C	1/4" Sq.	M3 - M4	1.4 - 4	12.4 - 35	1,900	1.14	2.51	1/4"	78	7	15
TDCS-D15RX-500-C	3/8" Sq.										
TDCS-D20RQ-2200-C	1/4" Hex.	M3 - M5	1.4 - 6.5	12.4 - 58	1,300	1.14	2.51	1/4"	78	7	15
TDCS-D20RW-2200-C	1/4" Sq.										
TDCS-D20RX-2200-C	3/8" Sq.	M4 - M5	2 - 8	17.7 - 71	700	1.14	2.51	1/4"	78	7	15
TDCS-D20RQ-1900-C	1/4" Hex.										
TDCS-D20RW-1900-C	1/4" Sq.	M5 - M6	6 - 12	53 - 106	480	1.28	2.82	1/4"	78	7	15
TDCS-D20RX-1900-C	3/8" Sq.										
TDCS-D20RQ-1300-C	1/4" Hex.	M5 - M6	6 - 15	53 - 133	320	1.28	2.82	1/4"	78	7	15
TDCS-D20RW-1300-C	1/4" Sq.										
TDCS-D20RX-1300-C	3/8" Sq.	M6 - M8	10 - 18	89 - 160	400	1.75	3.85	1/4"	83	8	17
TDCS-D20RQ-700-C	1/4" Hex.										
TDCS-D20RW-700-C	1/4" Sq.	M8-M10	14 - 24	124 - 212	270	1.75	3.85	1/4"	83	8	17
TDCS-D20RX-700-C	3/8" Sq.										
TDCS-D30RQ-480-C	1/4" Hex.	M10-M12	35 - 60	310 - 530	100	2.03	4.47	1/4"	83	8	17
TDCS-D30RW-480-C	1/4" Sq.										
TDCS-D30RX-480-C	3/8" Sq.										
TDCS-D30RQ-320-C	1/4" Hex.										
TDCS-D30RW-320-C	1/4" Sq.										
TDCS-D30RX-320-C	3/8" Sq.										
TDCS-D40RX-400-C	3/8" Sq.										
TDCS-D50RX-270-C	3/8" Sq.										
TDCS-D60RX-120-C	3/8" Sq.										
TDCS-D60RY-120-C	1/2" Sq.										
TDCS-D70RX-100	3/8" Sq.										
TDCS-D70RY-100	1/2" Sq.										

Recommended Air Pressure : TDCS-D08,D10 : 70 PSI (5kg/cm²) / 0.5Mpa ; TDCS-D15,D20,D30,D40,D50,D60,D70 : 85 PSI (6kg/cm²) / 0.6Mpa
Air Hose Size : 10mm×6.5mm×5m

Industrial Cordless Tools



- SCEP series ■ WRTBA series ■ WRTCA series
- Geared Type series ■ PW series ■ RI series
- IWT series

Tool Selection Chart

**BOLT
GRADE at 8.8**

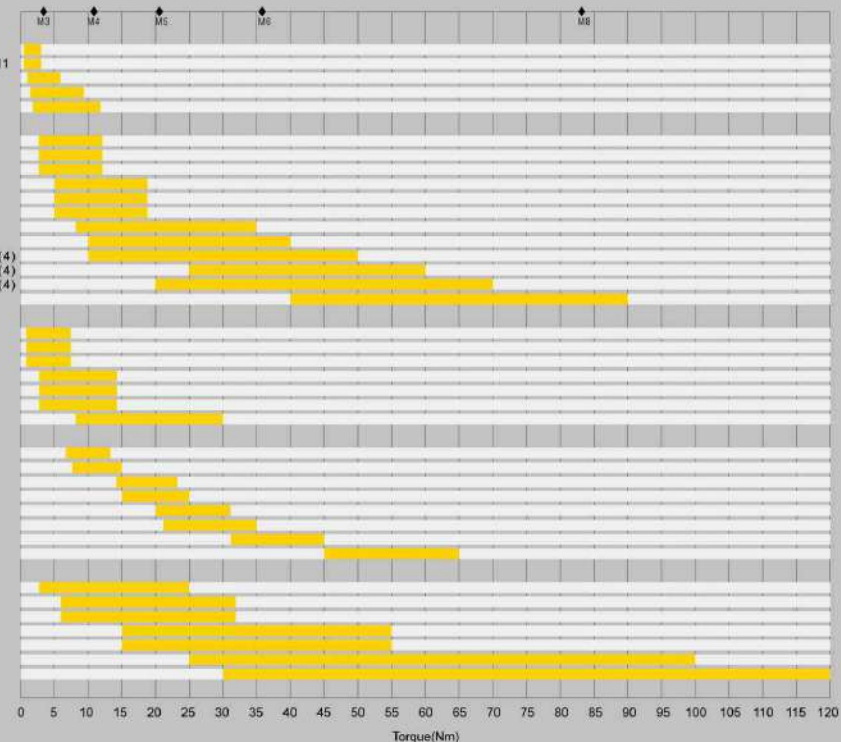
SCEP series
SCEP-03H2
SCEP-03H2-H1
SCEP-06H2
SCEP-09H2
SCEP-12H2

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
PW-65S4

IWT series
IWT-025H2
IWT-032H2
IWT-032S3
IWT-055S3
IWT-055S4
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 (Nm)

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	8.8	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

Nm	Ft-lbs	Nm	Ft-lbs	Nm	Ft-lbs	Nm	Ft-lbs	Nm	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

SCEP Series | Brushless motor

-Cordless Shut-off Screwdrivers-



Mini USB Connector:

Tool speed can be adjusted by Du-Pas programmer.

LED indicator provides simple process information to the operator.



SPECIFICATIONS

Model	Drive Size	Volt.	Screw Size	Torque Range (Nm)		Free Speed	Weight w/o Battery	Vibration Value	Noise Level
	inch	V	mm	Hard joint	Soft joint	rpm	kg	m/s ²	dB(A)
SCEP-03H2	1/4" Hex.	20	M3~M4	0.8~3	0.8~3	200~500	1.0	<2.5	<75
SCEP-03H2-H1	1/4" Hex.	20	M3~M4	0.8~3	0.8~3	500~1,550	1.0	<2.5	<75
SCEP-06H2	1/4" Hex.	20	M3~M5	1.5~6	1.5~6	300~1000	1.0	<2.5	<75
SCEP-09H2	1/4" Hex.	20	M3~M5	2~9	2~9	300~800	1.0	<2.5	<75
SCEP-12H2	1/4" Hex.	20	M4~M6	2.5~12	2.5~12	250~800	1.0	<2.5	<75

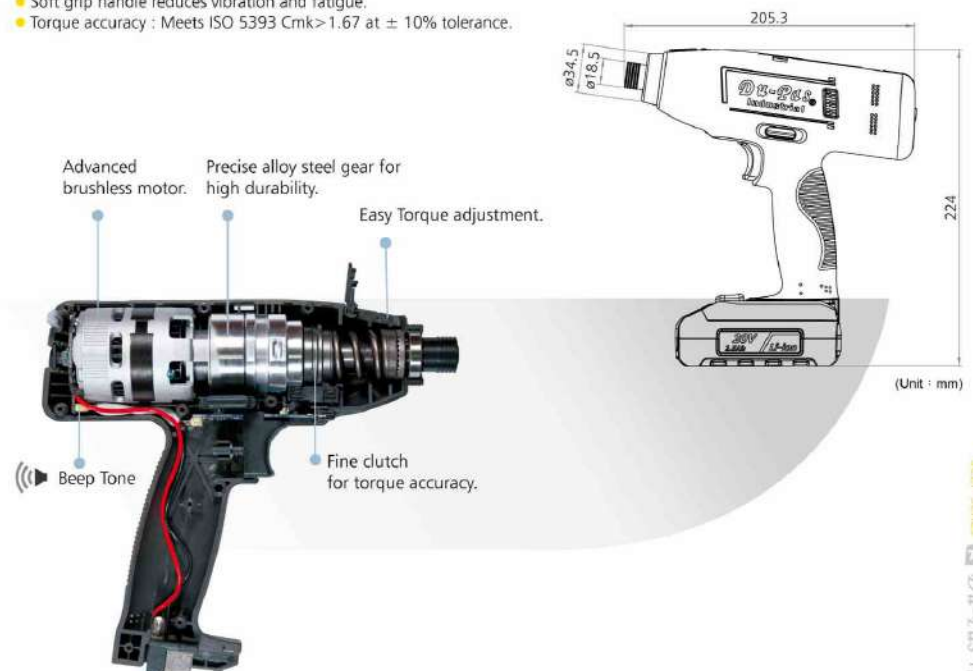
Adjustment screwdriver is included in the tool box.

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 Cmk> 1.67 at $\pm 10\%$ tolerance.



WRTBA Series | Brushless motor

-Cordless Shut-off Angle Wrenches/Screwdrivers-



Mini USB Connector:
Tool speed can be adjusted by Du-Pas programmer.



LED indicator provides simple process information to the operator.

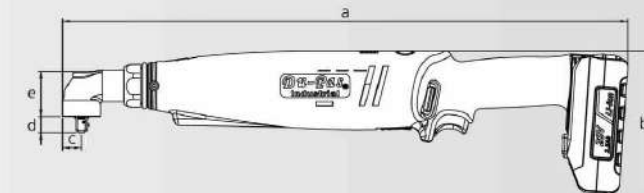
Applications

- 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 5.0A.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)	469	120	16	20	39
WRTBA-10(16)S2	469	120	16	9	39
WRTBA-10(16)S3	469	120	16	12	39
WRTBA-30(35)S3	474	120	16	13.5	38

SPECIFICATIONS

Model	Vol.	Drive Size	Screw Size	Weight w/o Batt.		Vibration Value	Noise Level	Free Speed	Torque Range (Nm)	
	V	in	mm	kg	lb	m/s ²	dB(A)	rpm	Hard joint	Soft joint
WRTBA-10		1/4" Hex.								
WRTBA-10S2	20	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	20	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	20	3/8" Sq.	M6~M8	1.5	3.3	<2.5	<75	250-450	8-30	8-22
WRTBA-35S3	20	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.

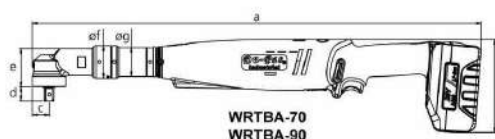
WRTBA Series Brushless motor

-Cordless Shut-off Angle Wrenches-

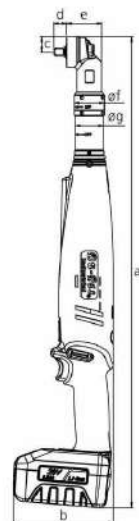
UPTO 90 Nm

WRTCA Series Brushless motor

-Cordless Shut-off Angle Wrenches/Screwdrivers-



WRTBA-70
WRTBA-90



WRTBA-50
WRTBA-60

Dimensions

(unit:mm)

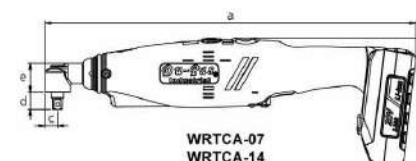
Model	a	b	c	d	e	ef	og
WRTBA-50(60)S3	570.6	120.7	18.5	15.4	42.5	36.5	34.0
WRTBA-50(60)S4	570.6	120.7	18.5	18.5	42.5	36.5	34.0
WRTBA-70S3	583.3	120.7	21.7	12.0	50.0	42.0	37.6
WRTBA-70(90)S4	583.3	120.7	21.7	18.0	50.0	42.0	37.6

SPECIFICATIONS

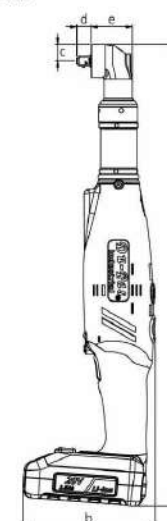
Model	Volt	Drive Size	Screw Size	Weight w/o Batt.		Vibration Value	Noise Level	Free Speed	Torque Range (Nm)	
				kg	lb				Hard joint	Soft joint
WRTBA-50S3	20	3/8" Sq.	M6~M10	2.0	4.4	<2.5	<75	200	22~50	22~50
WRTBA-50S4	20	1/2" Sq.	M6~M10	2.0	4.4	<2.5	<75	200	22~50	22~50
WRTBA-60S3	20	3/8" Sq.	M8~M12	2.0	4.4	<2.5	<75	160	25~60	25~60
WRTBA-60S4	20	1/2" Sq.	M8~M12	2.0	4.4	<2.5	<75	160	25~60	25~60
WRTBA-70S3	20	3/8" Sq.	M8~M12	2.5	5.5	<2.5	<75	160	30~70	30~70
WRTBA-70S4	20	1/2" Sq.	M8~M12	2.5	5.5	<2.5	<75	160	30~70	30~70
WRTBA-90S4	20	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.

- REVERSE
- OK
- NOK
- LOW BATTERY WARNING
- CHANGE BATTERY



WRTCA-07
WRTCA-14



WRTCA-30

Dimensions

(unit:mm)

Model	a	b	c	d	e
WRTCA-07(14)H2	367	126.5	12.5	3	26
WRTCA-07(14)S2	367	126.5	12.5	9	26
WRTCA-07(14)S3	367	126.5	12.5	12	26
WRTCA-30S3	439	126.5	16	13.6	39

SPECIFICATIONS

Model	Volt	Drive Size	Screw Size	Weight w/o Batt.		Vibration Value	Noise Level	Free Speed	Torque Range (Nm)	
				kg	lb				Hard joint	Soft joint
WRTCA-07H2	20	1/4" Hex.								
WRTCA-07S2	20	1/4" Sq.	M3 - M5	1.2	2.6	<2.5	<75	400 - 800	1.8 - 7	1.8 - 7
WRTCA-07S3	20	3/8" Sq.								
WRTCA-14H2	20	1/4" Hex.								
WRTCA-14S2	20	1/4" Sq.	M4 - M6	1.2	2.6	<2.5	<75	200 - 500	3.5 - 14	3.5 - 14
WRTCA-14S3	20	3/8" Sq.								
WRTCA-30S3	20	3/8" Sq.	M5 - M8	1.68	3.7	<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-

Max. Torque 65 Nm

Patented Unique Shut off system

Patent Pending

Special Damper Mechanism.
(For PW-65 only)



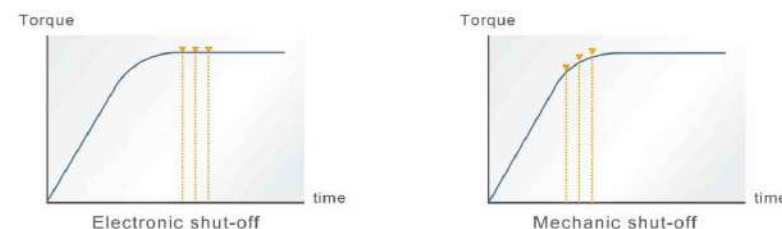
For PW-65S4 only
Handle tape wrap is added as a standard part for less fatigue.

SPECIFICATIONS

Model	Volt.	Drive Size	Weight w/o Batt.	Noise level	Free Speed	Torque range (Nm)		Pulse unit Type
	V	in	kg	dB(A)	rpm	Hard joint	Soft joint	
PW-15	20	1/4" Hex.	1.15	<80	4500	7-13	5-9	Shut-off
PW-15S3	20	3/8" Sq.	1.14	<80	4500	8-15	6-10	Shut-off
PW-25	20	1/4" Hex.	1.25	<80	4500	14-23	10-16	Shut-off
PW-25S3	20	3/8" Sq.	1.24	<80	4500	15-25	11-17	Shut-off
PW-35	20	1/4" Hex.	1.35	<80	3500	20-31	14-21	Shut-off
PW-35S3	20	3/8" Sq.	1.34	<80	3500	22-35	15-24	Shut-off
PW-45S3	20	3/8" Sq.	1.41	<80	3500	32-45	22-31	Shut-off
PW-65S4	20	1/2" Sq.	1.92	<80	3000	45-65	31-45	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.
- PW-45S3 & PW-65S4 are recommended to use 5.0Ah Battery Pack.

-Du-Pas Superior Electronic Shut-off System-



The final torque acquired by electronic shut-off with the impulse setting function is more stable and accurate.

The final torque acquired by mechanic shut-off is easily affected by the change of oil temperature and becomes unstable and inaccurate.

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

RI Series

-Cordless Riveters-

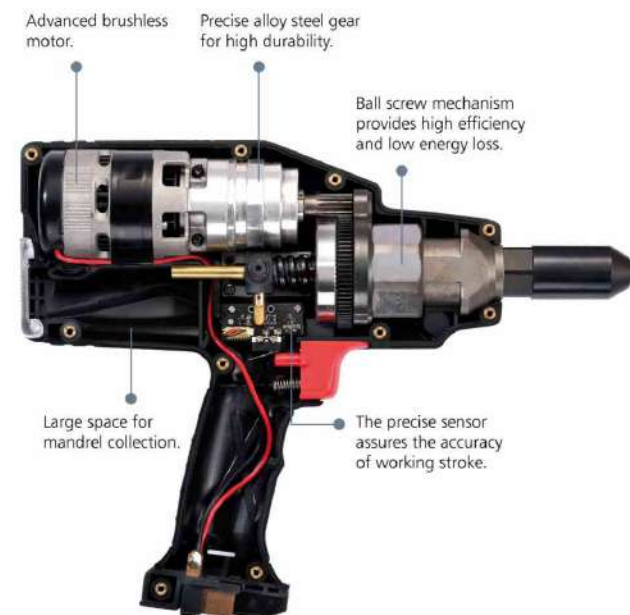
Ball Screw Mechanism

RI180CBH



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

RI180CBH



SPECIFICATIONS

Model	Volt.	Motor type	Battery type	Rivets capacity	Stroke length	Traction power	Pulling time per unit	Weight with 2.5Ah battery		Weight with 5.0Ah battery		Charging time(2.5Ah)	Charging time(5.0Ah)
	V	-	Ah	mm	mm	lb	sec	kg	lb	kg	lb	minute	minute
RI180CBH	20	Brushless motor	Li-ion 2.5/5.0	4.8~6.4	20	2900	1.0	2.1	4.62	2.42	5.54	Approx. 60	Approx. 120

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, ergonomical handle.

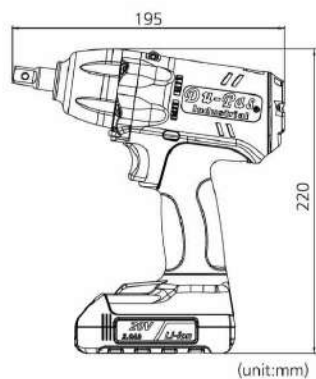
Applications

- 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	Nm	ft-lb	Nm	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	<75
IWT-032H2	20	1/4" Hex.	M6,M8	6-32	4-24	90	66	2400	1.0	2.2	<75
IWT-032S3	20	3/8" Sq.	M6,M8	6-32	4-24	90	66	2400	1.0	2.2	<75
IWT-055S3	20	3/8" Sq.	M8,M10	15-55	11-41	120	90	2400	1.1	2.4	<75
IWT-055S4	20	1/2" Sq.	M8,M10	15-55	11-41	120	90	2400	1.1	2.4	<75
IWT-100S4	20	1/2" Sq.	M10,M12	25-100	18-74	180	133	2400	1.1	2.4	<75
IWT-120S4	20	1/2" Sq.	M12,M14	30-120	22-89	210	155	2400	1.3	2.9	<75

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

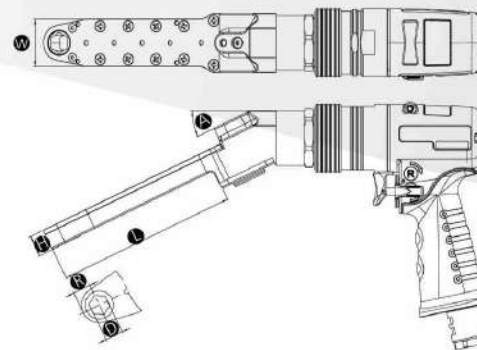
Model	Bolt Capacity	Torque Range	Free Speed		Weight	Noise Level	Average Air Consumption		Hose Size	Hex Dimension
		5-6kg/cm ²		5kg/cm ²			6kg/cm ²	m ³ /min		
		Nm(ft-lb)			kg	dB(A)			mm	mm
GACM1206H-XB60	M8	20-28(14.8-20.7)	2900	3000	1.68	82	0.4	14.1	8	8, 9, 10, <u>12</u> , 13
GCCM1210H-XB60	M8	20-28(14.8-20.7)	2900	3000	1.68	82	0.4	14.1	8	8, 9, 10, <u>12</u> , 13
GACM1206H-SB60	M8	20-28(14.8-20.7)	2800	2900	1.68	80	0.4	14.1	8	8, 9, 10, <u>12</u> , 13
GCCM1210H-SB60	M8	20-28(14.8-20.7)	2800	2900	1.68	80	0.4	14.1	8	8, 9, 10, <u>12</u> , 13



GACM1206H-XB60



GCCM1210H-XB60



Customization Available

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

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

Basic Angle Type

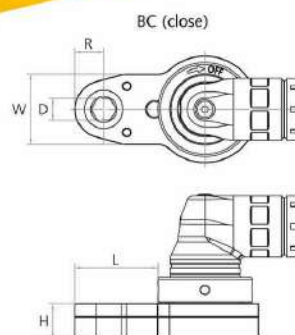
Cordless tools



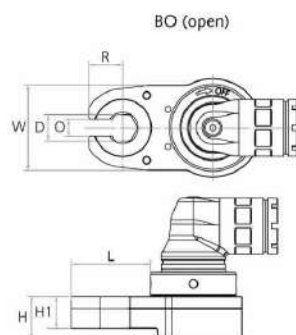
• WRTBA-30BCA



• 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 Max(mm)	Weight w/o Batt. kg	Vibration Value m/s ²	Noise Level dB(A)	Free Speed rpm	Torque Range (Nm)	
								Hard joint	Soft joint
WRTBA-10BCA	close	20	13	2.0	<2.5	<75	950	3-8	3-8
WRTBA-16BCA	close	20	13	2.0	<2.5	<75	600	5-13	5-13
WRTBA-30BCA	close	20	13	2.0	<2.5	<75	450	8-18	8-18
WRTBA-10BOA	open	20	19	2.1	<2.5	<75	950	3-7	3-7
WRTBA-16BOA	open	20	19	2.1	<2.5	<75	600	5-12	5-12
WRTBA-30BOA	open	20	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 (Nm)	W	D	O	R	L	H	H1
☐ BC ☐ BO								

In-Line Type

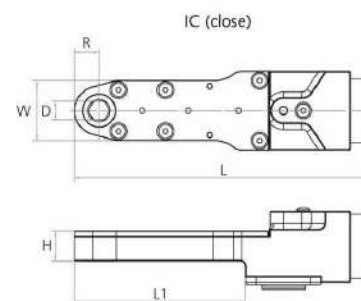
Cordless tools



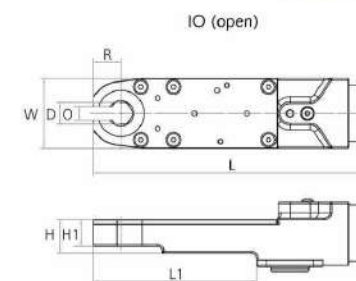
• WRTBA-16ICA



• 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	167	98.7	20	16

Model	Type	Volt. V	Hex Dimension Max(mm)	Weight w/o Batt. kg	Vibration Value m/s ²	Noise Level dB(A)	Free Speed rpm	Torque Range (Nm)	
								Hard joint	Soft joint
WRTBA-10ICA	close	20	13	2.2	<2.5	<75	620	5-11	5-11
WRTBA-16ICA	close	20	13	2.2	<2.5	<75	380	8-17	8-17
WRTBA-30ICA	close	20	13	2.2	<2.5	<75	300	11-23	11-23
WRTBA-10IOA	open	20	19	2.3	<2.5	<75	420	7-13	7-13
WRTBA-16IOA	open	20	19	2.3	<2.5	<75	270	10-22	10-22
WRTBA-30IOA	open	20	19	2.3	<2.5	<75	200	13-28	13-28

Customization Available

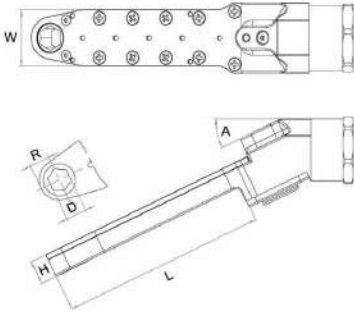
- Please fill in the Request Form for your desired Geared Offset Heads type power tool.

Model	Torque Range (Nm)	W	D	O	R	L	H	H1
☐ IC ☐ IO								

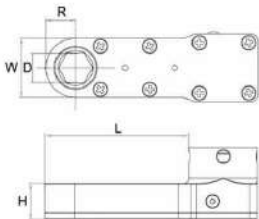
Geared Heads



GAC



GBC



Customization Available

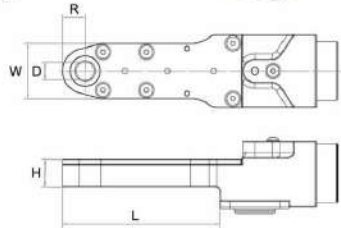
● Please fill in the Request Forms for your desired geared head type.

√	Type	Torque Range (Nm)	W (mm)	OD (mm)	R (mm)	H (mm)	L (mm)	A (Angle)
	GAC							26°
	GBC							90°

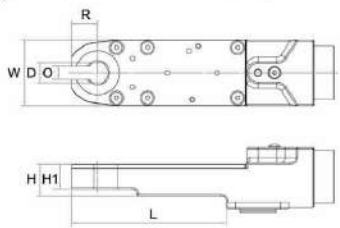
Note: If to purchase gear heads only, dimension drawings of the corresponding part are required to be provided properly to Tranmax.



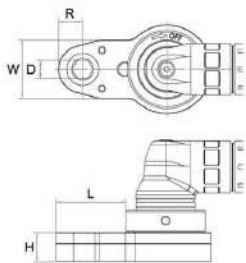
IC



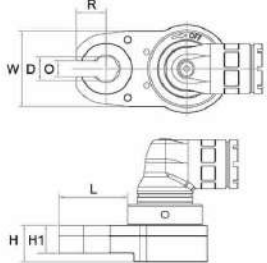
IO



BC



BO



√	Type	Torque Range (Nm)	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



BB200D-325



BB200D-350



BB200E-320



BB200E-340

Part No.	Description	Size (L x W x H)	Charging Time	Weight
BB200D-325	20V 2.5 A.h	117 x 77 x 47 mm	60 min.	0.4 kg (0.88 lb)
BB200D-350	20V 5.0 A.h	117 x 77 x 67 mm	120 min.	0.67 kg (1.48 lb)
BB200E-320	20V 2.0 A.h	117 x 77 x 46 mm	45 min.	0.38 kg (0.84 lb)
BB200E-340	20V 4.0 A.h	117 x 77 x 64 mm	85 min.	0.64 kg (1.41 lb)



E86B-UL



E86B-AS



E86B-VD



E86B-UK

Power cords (for Du-Pas charger)

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

Chargers



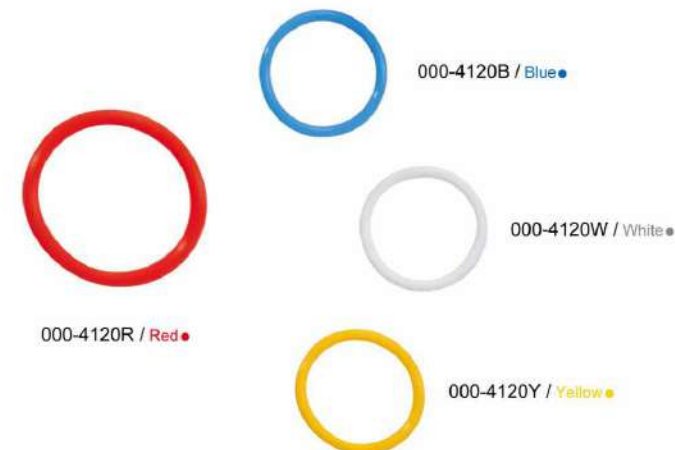
B84192B



31084-200E

Part No.	Description	Weight
B84192B	Input: 100~240 VAC Output: 18~20 V DC	0.54 kg (0.19 lb)
31084-200E	Input: 100~240 VAC Output: 18~20 V DC	0.68 kg (1.5 lb)

Marking color rings (for WRTBA series)



Tool covers



33116-SCEP-01
(For SCEP series)



C16WRB
(For WRT(B)A series)



33116-IWCP-01
(For IWT series)



C16PW45
(For PW-45 series)



C16PW15
(For PW-15 series)



C16PW65
(For PW-65 series)



C16PW25
(For PW-25 & 35 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



33116-B200D-01
(For 20V 2.5 A.h battery pack)



33116-B200D-02
(For 20V 5.0 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 bails

(To suspend the tool on a balancer.)



» Part No. D39SC180B-1
(For SCEP series)



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



» Part No. 430-SW40-283-0102
(For PW series & IWT 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

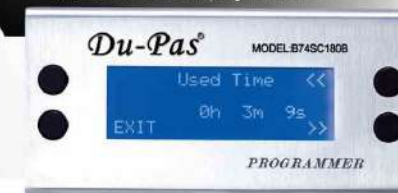
More useful functions can be referred to the Programmer Instruction Manual.



• 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.

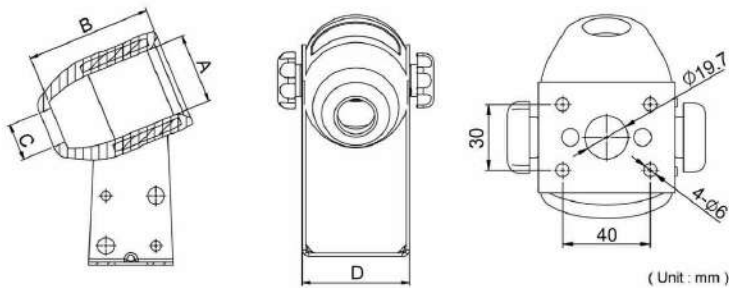


Tool Holsters

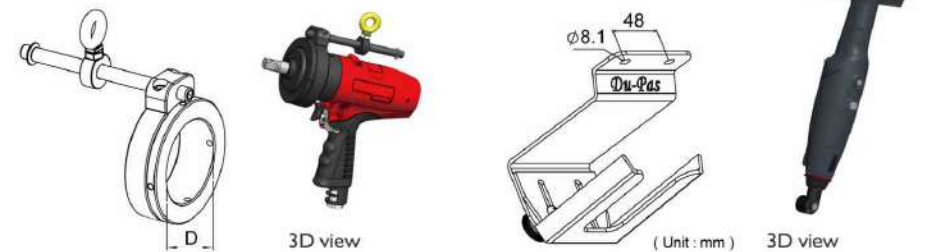
-For Du-Pas Pistol and Straight type tools-



Part No. 61022-TH001



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



360° Rotary Suspension Bails for Du-Pas Impulse Tools			Tool Holder for Du-Pas Battery Tools	
Part No.	D (mm)	Apply to	Part No. 61022-TH005	
			Apply to	
61022-SB001	51.3	TDI(S)-90	PW-15 · PW-25 · PW-35 · PW-45 · PW-65S4 · WRTBA-10 · WRTBA-16 · WRTBA-30 · WRTBA-35 · WRTBA-50 · WRTBA-60 · WRTBA-70 · WRTBA-90 · RI180CBH · SCEP-03 · SCEP-06 · SCEP-09 · SCEP-12	
61022-SB002	55.3	TDI(S)-100		
61022-SB003	61.3	TDI(S)-130		
61022-SB004	69.3	TDI(S)-150		
61022-SB005	70	TDI(S)-180		

➤ Digital Torque Wrenches

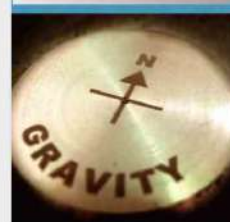


GRAVITY

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	Nm	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±2%+1 LSD/CCW±3%+1 LSD
Direction	Clockwise/Counter-clockwise
Torque Unit	Nm/Ft-lbs/In-lbs/Kgm
Battery	9V(Alkaline)×1
Operation Temperature	5-42°C, 40-107°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.

