



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

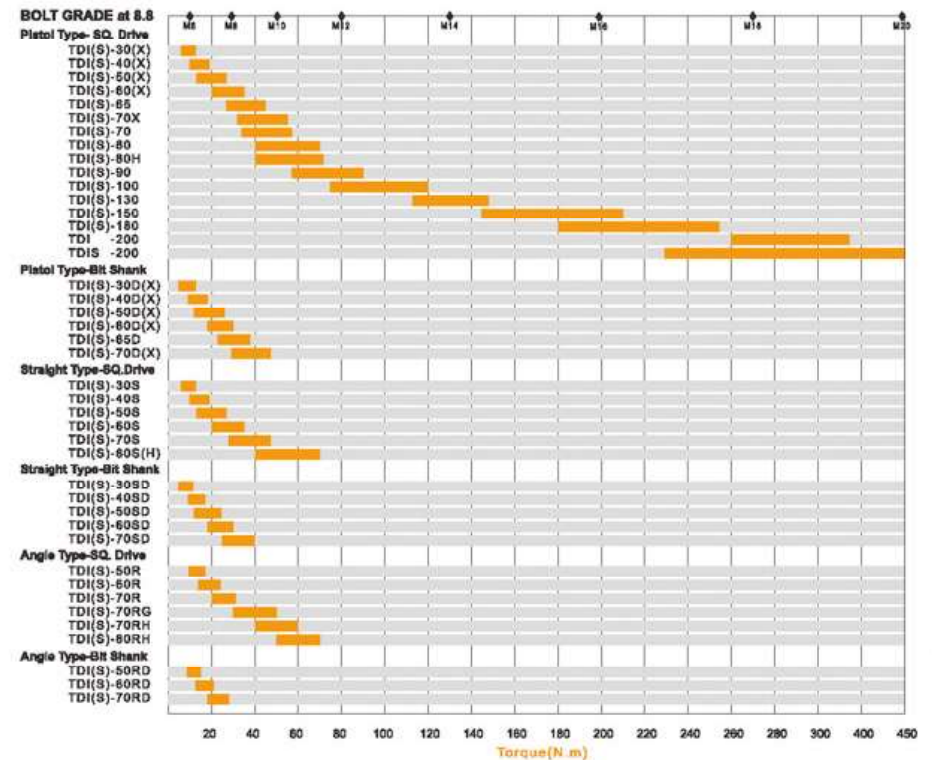
TIGHTENING TORQUE (N.m)

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

Bolt Size mm	Bolt Grade							Bolt Size mm	Bolt Grade					
	3.0	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	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.

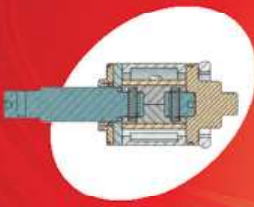
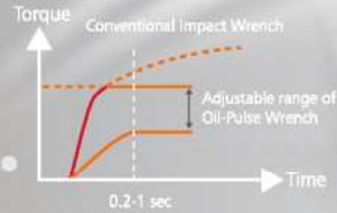


Highlights

Air Impulse Tools



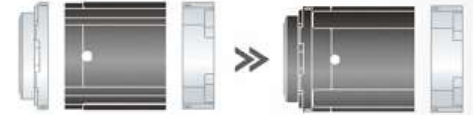
Twin Drive Blades reduce noise and vibration and increase impulse frequency



X-Shape Sealing improves better repeatability



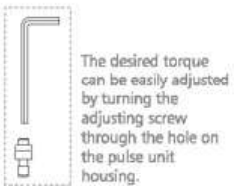
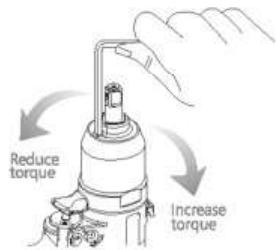
One hand reverse operation for Right or Left handed operators



Conventional New Design

Unibodied Front End Plate & Cylinder advance the Motor Efficiency

Easy Torque Adjustment



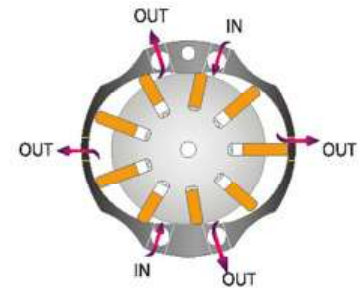
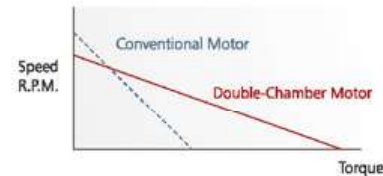
The desired torque can be easily adjusted by turning the adjusting screw through the hole on the pulse unit housing.

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.



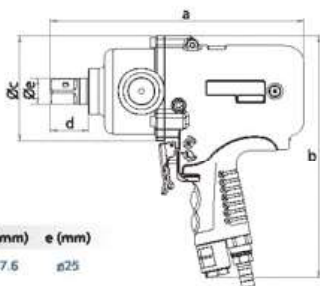
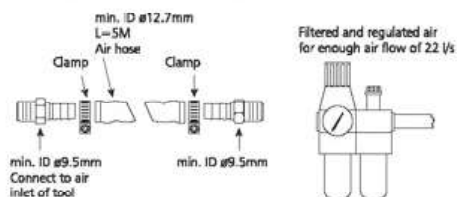
Pistol Type- SQ. Drive

-3/4" Impulse Wrenches-



TDI-200
TDIS-200

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



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/cm ²		Free Speed	Weight	Length	Noise Level	Average Air Consumption		Hose Size
			N.m (ft-lb)	kg/cm ²					m ³ /min	ft ³ /min	
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/cm ²		Free Speed	Weight	Length	Noise Level	Average Air Consumption		Hose Size
			N.m (ft-lb)	kg/cm ²					m ³ /min	ft ³ /min	
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.



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/cm ²		Free Speed	Weight	Length	Noise Level	Average Air Consumption		Hose Size
			N.m (ft-lb)	kg/cm ²					m ³ /min	ft ³ /min	
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 5-6kg/cm ²		Free Speed	Weight	Length	Noise Level	Average Air Consumption		Hose Size
			N.m (ft-lb)	kg/cm ²					m ³ /min	ft ³ /min	
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

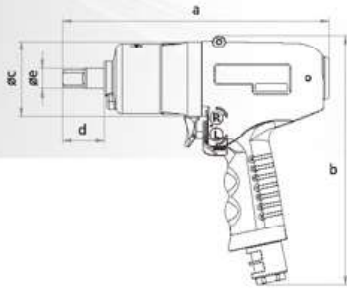
Air Hose Size : 10mmx6.5mmx5m for TDI(S)-30~50 12mmx8mmx5m for TDI(S)-60~100 16mmx11mmx5m for TDI(S)-130~180

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 5-6kg/cm ²		Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(*)		N.m (ft-lb)	5kg/cm ²	6kg/cm ²	kg				mm	dB(A)	
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(*)		N.m (ft-lb)	5kg/cm ²	6kg/cm ²	kg				mm	dB(A)	
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

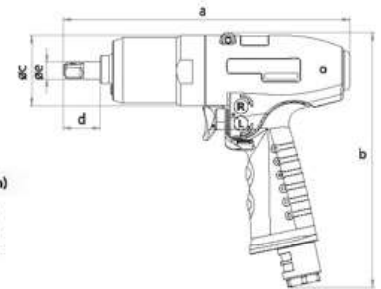
Air Hose Size : 10mm×6.5mm×5m for TDI(S)-30~50 12mm×8mm×5m for TDI(S)-60~100 16mm×11mm×5m for TDI(S)-130~180



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(*)		N.m (ft-lb)	5kg/cm ²	6kg/cm ²	kg				mm	dB(A)	
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(*)		N.m (ft-lb)	5kg/cm ²	6kg/cm ²	kg				mm	dB(A)	
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	
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	

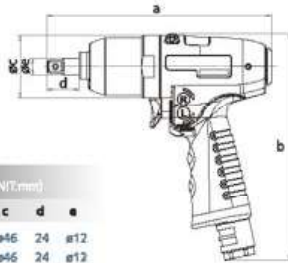
Air Inlet : TDI(S)-30~150 : 1/4" TDI(S)-180 : 3/8"

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 (UNIT:mm)

Model	a	b	c	d	e
TDI(S)-30	167	168	φ46	24	φ12
TDI(S)-40	167	168	φ46	24	φ12
TDI(S)-50	167	168	φ46	24	φ12
TDI(S)-60	178	168	φ46	24	φ12

Dimensions (UNIT:mm)

Model	a	b	c	d	e
TDI-30X	136	168	φ46	24	φ12
TDI-40X	136	168	φ46	24	φ12
TDI-50X	136	168	φ46	24	φ12
TDI-60X	147	168	φ46	24	φ12



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/cm ²		Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(*)		N.m (ft-lb)	kg/cm ²	kg/cm ²	m ³ /min				ft ³ /min		
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	

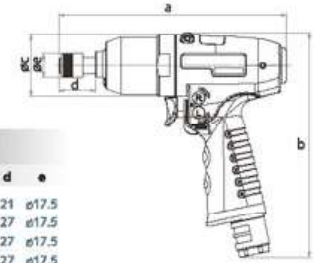
■ Auto shut-off

Model	SQ Drive	Bolt Capacity	Torque Range 5-6kg/cm ²		Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(*)		N.m (ft-lb)	kg/cm ²	kg/cm ²	m ³ /min				ft ³ /min		
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	φ46	21	φ17.5
TDI(S)-40D	170	168	φ46	27	φ17.5
TDI(S)-50D	170	168	φ46	27	φ17.5
TDI(S)-60D	181	168	φ46	27	φ17.5
TDI(S)-65D	192	170	φ47	28	φ19
TDI(S)-70D	197	192	φ53.5	28	φ19

Dimensions (UNIT:mm)

Model	a	b	c	d	e
TDI-30DX	133	168	φ46	21	φ17.5
TDI-40DX	139	168	φ46	27	φ17.5
TDI-50DX	139	168	φ46	27	φ17.5
TDI-60DX	150	168	φ46	27	φ17.5
TDI-70DX	192	170	φ47	28	φ19
TDIS-70DX	192	170	φ47	28	φ19



■ 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(*)		N.m (ft-lb)	kg/cm ²		kg/cm ²	m ³ /min				ft ³ /min		
TDI-30D	6.35(1/4")	M6	5.5-13(4.1-9.6)	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)	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)	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)	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)	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)	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)	5900	6200	0.97	181	82	0.4	14.1	8		
TDI-60DX	6.35(1/4")	M8	18-30(13.3-22.1)	5900	6200	0.8	155	82	0.4	14.1	8		
TDI-65D	6.35(1/4")	M8-M10	23-38(16.9-28)	4500	4800	1.05	192	82	0.43	15.2	8		
TDI-70D	6.35(1/4")	M10	29-47(21.4-34.6)	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)	5200	5400	1.05	192	82	0.43	15.2	8		

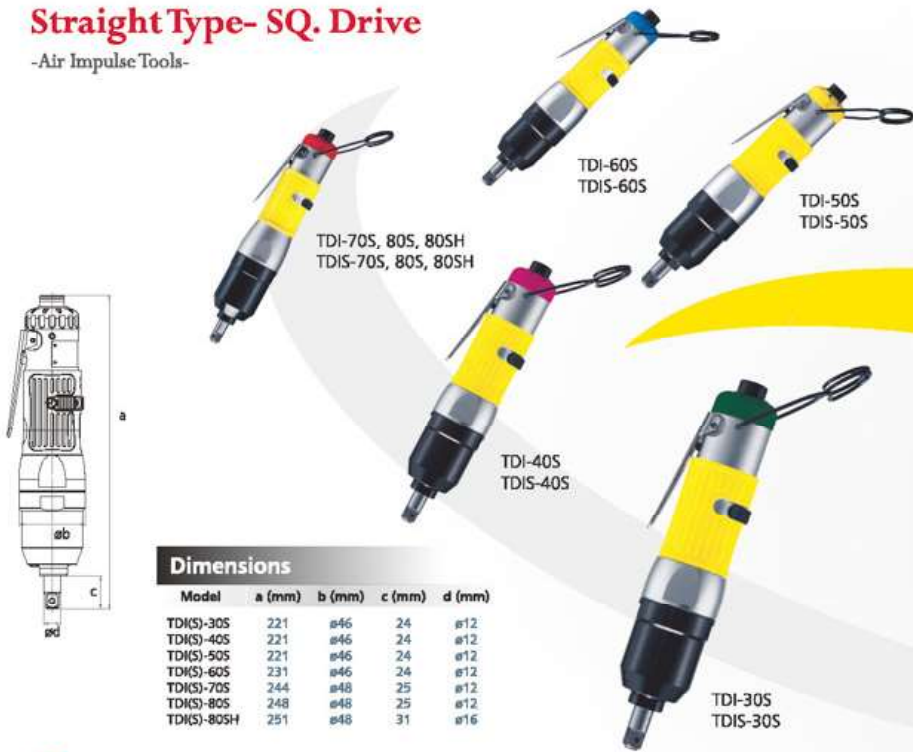
■ Auto shut-off

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(*)		N.m (ft-lb)	kg/cm ²		kg/cm ²	m ³ /min				ft ³ /min		
TDIS-30D	6.35(1/4")	M6	5.5-13(4.1-9.6)	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)	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)	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)	5900	6200	1.0	181	82	0.4	14.1	8		
TDIS-65D	6.35(1/4")	M8-M10	23-38(16.9-28)	4500	4800	1.08	192	82	0.43	15.2	8		
TDIS-70D	6.35(1/4")	M10	29-47(21.4-34.6)	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)	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)
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 mm(*)	Bolt Capacity	Torque Range 5-6kg/cm ²		Free Speed		Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption		Hose Size mm
			N.m (ft-lb)	kg/cm ²	kg/cm ²	m ³ /min				ft ³ /min		
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/cm ²		Free Speed		Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption		Hose Size mm
			N.m (ft-lb)	kg/cm ²	kg/cm ²	m ³ /min				ft ³ /min		
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	

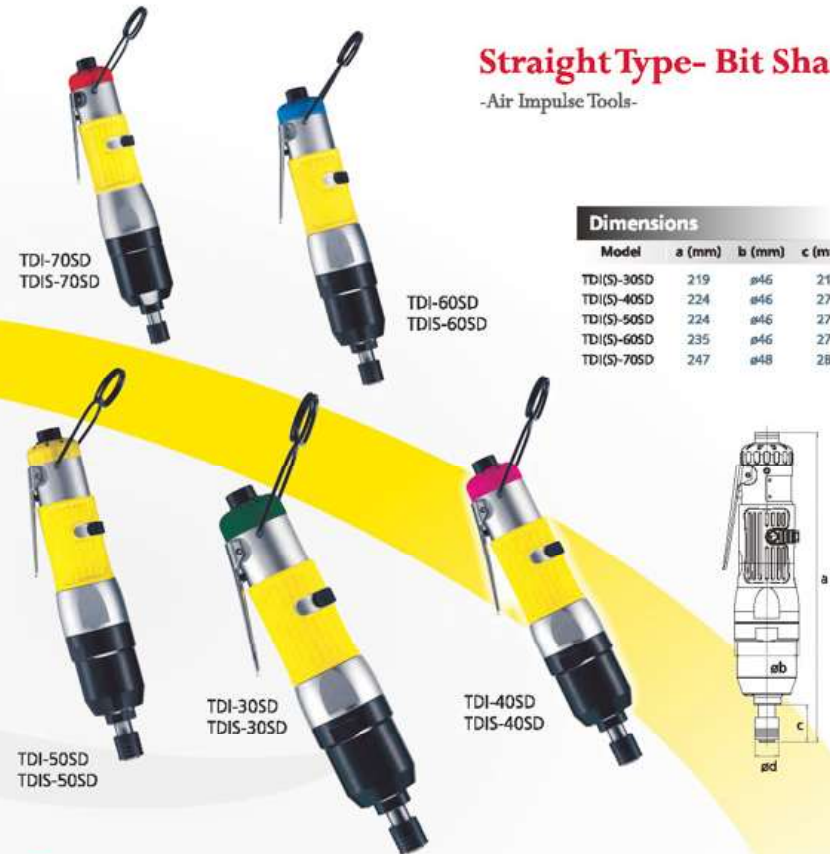
Air Inlet : TDI(S)-30~150: 1/4" TDI(S)-180: 3/8"

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/cm ²		Bit Shank mm	Free Speed		Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption		Hose Size mm
			N.m (ft-lb)	kg/cm ²		kg/cm ²	m ³ /min				ft ³ /min		
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/cm ²		Bit Shank mm	Free Speed		Weight kg	Length mm	Noise Level dB(A)	Average Air Consumption		Hose Size mm
			N.m (ft-lb)	kg/cm ²		kg/cm ²	m ³ /min				ft ³ /min		
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 : TDIS-30~150: 1/4" TDIS-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	Bolt Capacity	Torque Range 5-6kg/cm ²		Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(°)		N.m (ft-lb)	5kg/cm ²	6kg/cm ²	kg				mm	dB(A)	
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

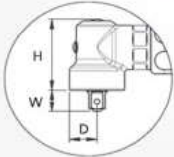
-Air Impulse Tools-



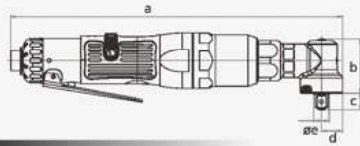
TDI-50R
TDIS-50R

TDI-60R
TDIS-60R

TDI-70R
TDIS-70R



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



Dimensions

Model	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	Bolt Capacity	Torque Range 5-6kg/cm ²		Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(°)		N.m (ft-lb)	5kg/cm ²	6kg/cm ²	kg				mm	dB(A)	
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 (5 kg/cm²~6 kg/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

Angle Type- Bit Shank

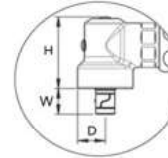
-Air Impulse Tools-



TDI-70RD
TDIS-70RD

TDI-60RD
TDIS-60RD

TDI-50RD
TDIS-50RD



Dimensions

Model	H (mm)	W (mm)	D (mm)	Model	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
TDI(S)-50RD	45	16	16	TDI(S)-50RD	253	45	16	16	ø11
TDI(S)-60RD	45	16	16	TDI(S)-60RD	264	45	16	16	ø11
TDI(S)-70RD	45	16	16	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(°)		N.m (ft-lb)	5kg/cm ²		6kg/cm ²	kg				mm	dB(A)	
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	Bolt Capacity	Torque Range 5-6kg/cm ²		Bit Shank	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(°)		N.m (ft-lb)	5kg/cm ²		6kg/cm ²	kg				mm	dB(A)	
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 : 10mmx6.5mmx5m for TDI(S)-30~50 12mmx8mmx5m for TDI(S)-60~100 16mmx11mmx5m for TDI(S)-130~180