

PROFESSIONAL POWER TOOLS

Professional Manufacturer since 1985

ISO-9001:2008 CERTIFICATED



PROFESSIONAL POWER TOOLS

For over 30 years, Tranmax has devoted itself to manufacturing and providing high quality products and service for professional applications. Our diverse and innovative product range has successfully fulfilled customers' needs and persistently meets market trends and demands. To learn more about Tranmax products, please visit [www. Tranmax.com](http://www.tranmax.com)

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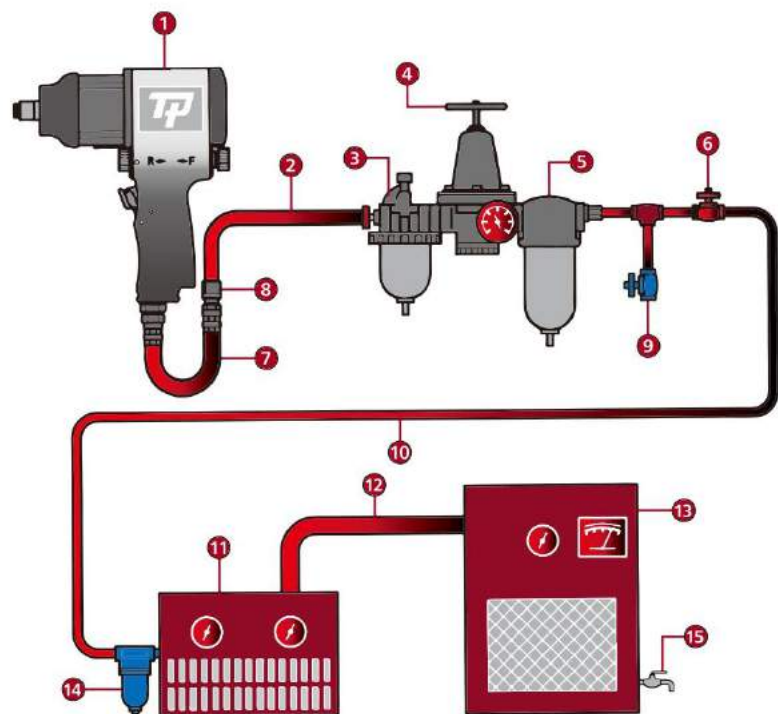
About TRANMAX

Established in 1985, Tranmax Machinery Co., Ltd. has devoted itself to manufacturing and exporting high quality pneumatic tools for professional applications. Over 30 years of experience in developing Impact Wrenches, Ratchet Wrenches, Screwdrivers, Sanders, Grinders, Drills, etc., Tranmax 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 beneficial relationship with us on a long-term basis.



ISO 9001 Certificate

Air Tools and Pipe Fitting System



- | | | |
|-----------------------|-------------------------------------|-----------------------------------|
| 1. Air tool | 6. Shut off valve | 11. Air dryer |
| 2. Air hose 3/8" | 7. Lead hose | 12. 1" or larger pipe and fitting |
| 3. Oiler | 8. Coupler body and connector | 13. Air compressor |
| 4. Pressure regulator | 9. Drain daily | 14. Auto drain |
| 5. Filter | 10. 1/2" or larger pipe and fitting | 15. Drain daily |

CAUTION

- To protect air tools, we strongly recommend that you install a pneumatic filter, moisture separator, regulator and lubricator between the air supply and air tools.
- Please check to see if there is too much moisture in the pipe and the air compressor is drained daily.
- Be sure to fill in SAE#10 lubricating oil into the air inlet before using air tools.
- Before using air tools, please make sure if the air pressure is proper.

Periodic Maintenance and Inspection

Items	Description	Inspection	Daily	Weekly	Remarks
1	Check the condition of air line accessories, and drain out the water from the separators and line to keep the air supply system clean and dry.		•		All Air Tools
2	Always keep the air pressure at 90 psi (6.3kg/cm ²) for maximum tool performance and take your reading while the tool is running.		•		All Air Tools
3	Use the proper couplers, nipples, hoses, pipes and fitting.		•	•	All Air Tools
4	Check that the quick change couplers is in secure connection and in good order.		•	•	All Air Tools
5	Keep the tools properly lubricated to prevent wear and rust.		•	•	All Air Tools
6	When tools are not in use, clean and lubricate them, then store them in a clean and dry place.		•		All Air Tools
7	Always use safety goggles or a face shield when operating air tools. Never wear loose clothing that might get caught in the tool and cause injuries.		•		All Air Tools
8	When installing whip hoses or quick coupler directly into the tool, Use a liquid pipe sealant to prevent damage to the housing.		•		All Air Tools
9	Always make sure that the impact wrench socket is properly retained to prevent injuries. Use impact-type socket only.		•		Wrench
10	If an air wrench fails to loosen a bolt in five(5) seconds, use a larger wrench and apply the penetrating oil before using the wrench.				Wrench
11	Check the clutch lubricant regularly, typically a 3/8" air wrench should have 3/8oz. of lubricant in its clutch mechanism.		•		Wrench
12	Always use proper wheel and pad for sanding and keep the secure connector in good order.		•	•	Sander Grinder
13	Never use a sander as a grinder, Sanders are intended for sanding only.		•		Sander Grinder
14	Always use accessories with a rated speed equal to or greater than the sander's speed.		•	•	Sander Grinder
15	Clean and lubricate the chuck jaws periodically to prolong concentricity.		•		Drill
16	To avoid the danger of breakage from high breakthrough torque, use the properly sharpened twist drills and reamers, and select proper drill speed.		•		Drill
17	Start drilling at low speed and gradually increase power. Avoid kick-back by easing up at breakthrough.		•		Drill



Super Hammer

1. Hammer Cage
2. New Hammer (Patented)
3. Hammer Pin
4. Anvil



Pin Hammer

1. Cam
2. Pin Hammer
3. Cage Cover
4. Anvil
5. Hammer Cage



Double Hammer

1. Cage
2. Hammer Dog
3. Hammer Pin
4. Anvil
5. Anvil Bushing
6. Hammer Cage

Impact Mechanisms



Twin Hammer

1. Hammer Cage
2. Hammer
3. Hammer Pin
4. Anvil



Pin Clutch

1. Hammer Cage
2. Steel Ball
3. Cam Foundation
4. Hammer Pin
5. Anvil
6. Cam
7. Spring



Rocking Dog

1. Cam
2. Hammer Dog
3. Hammer Pin
4. Anvil
5. Hammer Cage



Aluminum Impacts
Composite Impacts
Stubby 1/2" Impact

Air Impact Wrenches

The Air Impact Wrenches are one of the major products Tranmax offers. With the reliability and durability proven by customers and engineering expertise, they have been sold successfully on the market.

[Aluminum Impacts]



TPT-560B-SR-12
1-1/2" Impact Wrench, Super Hammer

TPT-560B-SR-12-L
with 9" (229mm) extended anvil

Model	SQ Drive	Free Speed	Max Torque Reverse		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch	rpm	ft-lb	Nm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm	mm
TPT-560B-SR-12	1-1/2	3,000	3,000	4,071	33.0	15.0	18.7	475	99	14.8	419	1/2	1/2	13	
TPT-560B-SR-12-L	1-1/2	3,000	3,000	4,071	39.2	17.8	25.8	656	99	14.8	419	1/2	1/2	13	
TPT-560B-SR-L	1	3,000	2,700	3,664	36.1	16.4	24.7	627	99	14.8	419	1/2	1/2	13	
TPT-560B-SR	1	3,000	2,700	3,664	32.8	14.9	17.5	445	99	14.8	419	1/2	1/2	13	
TPT-315PX-L	1	4,500	2,300	3,123	24.0	10.9	19.8	503	95	12	340	1/2	1/2	13	
TPT-315PX	1	4,500	2,300	3,123	21.1	9.6	13.7	347	95	12	340	1/2	1/2	13	



TPT-560B-SR-L
1" Impact Wrench, Super Hammer, 9" anvil

TPT-560B-SR
with 1" short anvil



TPT-315PX-L
1" Impact Wrench, Super Hammer, 9" anvil

TPT-315PX
with 1" short anvil



TPT-315P-SR-L
1" Impact Wrench, Super Hammer, 8" anvil

TPT-315P-SR
with 1" Short Anvil

Model	SQ Drive	Free Speed	Max Torque Reverse		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch	rpm	ft-lb	Nm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm	mm
TPT-315P-SR-L	1	4,000	2,200	2,985	23.5	10.7	21.1	536	95	12	340	1/2	1/2	13	
TPT-315P-SR	1	4,000	2,200	2,985	20.5	9.3	15.0	380	95	12	340	1/2	1/2	13	
TPT-315S-L	1	6,000	2,000	2,714	17.6	8.0	18.3	465	105	10.6	300	1/2	1/2	13	
TPT-315S	1	6,000	2,000	2,714	15.2	6.9	11.9	303	105	10.6	300	1/2	1/2	13	
TPT-318Q	1	5,500	1,900	2,578	15.0	6.8	10.6	269	96	11	311	1/2	1/2	13	
TPT-318Q-L	1	5,500	1,900	2,578	17.4	7.9	17.0	431	96	11	311	1/2	1/2	13	
TPT-318P-SR	1	3,500	2,000	2,714	21.1	9.6	11.8	300	96	11	311	1/2	1/2	13	
TPT-318P-SR-L	1	3,500	2,000	2,714	24.0	10.9	18.0	456	96	11	311	1/2	1/2	13	



TPT-315S-L
Compact 1" Impact Wrench,
8" Anvil, Super Hammer

TPT-315S
with 1" Short Anvil



TPT-318Q
Compact 1" Impact Wrench,
Super Hammer

TPT-318Q-L
with 8" (203mm) extended anvil



TPT-318P-SR
1" Impact Wrench, Super Hammer

TPT-318P-SR-L
with 8" (203mm) extended anvil

[Aluminum Impacts]



TPT-275-8
1" Impact Wrench, Pin Clutch



TPT-275
3/4" Impact Wrench,
Pin Clutch
TPT-275-L
with 6" (152mm)
extended anvil



TPT-278D-SR
3/4" Impact Wrench,
Super Hammer
TPT-278D-SR-L
with 6" (152mm)
extended anvil

Model	SQ Drive	Free Speed	Max Torque Reverse		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch	rpm	ft-lb	Nm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm	mm
TPT-275-8	1	4,000	1,550	2,105	12.8	5.8	10.1	257	90	7.8	221	3/8	3/8	10	10
TPT-275	3/4	4,000	1,500	2,037	11.2	5.1	10.7	272	90	7.8	221	3/8	3/8	10	10
TPT-275-L	3/4	4,000	1,500	2,037	12.8	5.8	15.2	387	90	7.8	221	3/8	3/8	10	10
TPT-278D-SR	3/4	5,000	1,620	2,200	9.7	4.4	8.5	216	96	8	226	3/8	3/8	10	10
TPT-278D-SR-L	3/4	5,000	1,620	2,200	10.8	4.9	13.4	341	96	8	226	3/8	3/8	10	10

Model	SQ Drive	Free Speed	Max Torque Reverse		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch	rpm	ft-lb	Nm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm	mm
TPT-271-D	3/4	4,800	800	1,086	10.8	4.9	9.7	246	92	7.2	204	1/4	3/8	10	10
TPT-271-D-L	3/4	4,800	800	1,086	12.3	5.6	14.2	361	92	7.2	204	1/4	3/8	10	10
TPT-270	3/4	4,800	800	1,086	9.9	4.5	9.5	241	95	7.2	204	1/4	3/8	10	10
TPT-270-L	3/4	4,800	800	1,086	11.9	5.4	14.0	356	95	7.2	204	1/4	3/8	10	10
TPT-280	3/4	4,800	600	814	10.6	4.8	9.5	241	95	7.2	204	1/4	3/8	10	10
TPT-280-L	3/4	4,800	600	814	11.9	5.4	14.3	363	95	7.2	204	1/4	3/8	10	10



TPT-271-D
3/4" Impact Wrench,
Pin Clutch
TPT-271-D-L
with 6" (152mm)
extended anvil



TPT-270
3/4" Impact Wrench,
Pin Clutch
TPT-270-L
with 6" (152mm)
extended anvil



TPT-280
3/4" Impact Wrench,
Rocking Dog
TPT-280-L
with 6" (152mm)
extended anvil

[Aluminum Impacts]



TPT-300-D
1/2" Impact Wrench,
Pin Clutch
TPT-300-D-L
with 2"(51mm)
extended anvil



TPT-303
1/2" Impact Wrench,
Twin Hammer
TPT-303-L
with 2"(51mm)
extended anvil



TPT-309
1/2" Impact Wrench,
Twin Hammer
TPT-309-L
with 2"(51mm)
extended anvil



TPT-303D-SR
1/2" Impact Wrench,
Super Hammer
TPT-303D-SR-L
with 2"(51mm)
extended anvil



TPT-302
1/2" Impact Wrench,
Pin Clutch
TPT-302-L
with 2"(51mm)
extended anvil



TPT-304-E
1/2" Impact Wrench,
Pin Clutch
TPT-304-E-L
with 2"(51mm)
extended anvil



TPT-305
1/2" Impact Wrench,
Twin Hammer
TPT-305-L
with 2"(51mm)
extended anvil

Model	SQ Drive	Free Speed	Max Torque Reverse		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch	rpm	ft-lb	Nm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	inch	mm
TPT-302	1/2	7,000	320	434	5.0	2.3	7.3	185	96	3.7	105	1/4	3/8	10	
TPT-302-L	1/2	7,000	320	434	5.3	2.4	9.3	236	96	3.7	105	1/4	3/8	10	
TPT-304-E	1/2	7,000	450	611	5.5	2.5	7.3	185	86	4.2	119	1/4	3/8	10	
TPT-304-E-L	1/2	7,000	450	611	5.7	2.6	9.7	246	86	4.2	119	1/4	3/8	10	
TPT-305	1/2	7,000	500	679	5.8	2.6	7.6	193	86	4.6	130	1/4	3/8	10	
TPT-305-L	1/2	7,000	500	679	5.9	2.7	9.4	238	86	4.6	130	1/4	3/8	10	
TPT-305B	1/2	7,000	550	746	5.8	2.6	7.2	183	86	4.6	130	1/4	3/8	10	
TPT-305B-L	1/2	7,000	550	746	5.9	2.7	9.0	228	86	4.6	130	1/4	3/8	10	
TPT-306	1/2	8,000	400	543	5.3	2.4	7.8	198	86	4.6	130	1/4	3/8	10	
TPT-306-L	1/2	8,000	400	543	5.5	2.5	9.8	249	86	4.6	130	1/4	3/8	10	



TPT-305B
1/2" Impact Wrench,
Twin Hammer
TPT-305B-L
with 2"(51mm)
extended anvil



TPT-306
1/2" Impact Wrench,
Pin Clutch
TPT-306-L
with 2"(51mm)
extended anvil

Model	SQ Drive	Free Speed	Max Torque Reverse		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch	rpm	ft-lb	Nm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	inch	mm
TPT-309	1/2	8,000	1,000	1,357	5.7	2.6	7.2	182	90	5.5	156	1/4	3/8	10	
TPT-309-L	1/2	8,000	1,000	1,357	5.9	2.7	9.2	234	90	5.5	156	1/4	3/8	10	
TPT-300-D	1/2	7,000	380	516	5.9	2.7	7.5	191	95	4.2	119	1/4	3/8	10	
TPT-300-D-L	1/2	7,000	380	516	6.2	2.8	9.3	236	95	4.2	119	1/4	3/8	10	
TPT-303	1/2	7,000	450	611	5.6	2.5	9.0	229	96	3.7	105	1/4	3/8	10	
TPT-303-L	1/2	7,000	450	611	5.7	2.6	10.8	274	96	3.7	105	1/4	3/8	10	
TPT-303D-SR	1/2	7,000	500	679	5.8	2.6	7.5	191	90	4.2	119	1/4	3/8	10	
TPT-303D-SR-L	1/2	7,000	500	679	5.8	2.7	9.3	236	90	4.2	119	1/4	3/8	10	

[Aluminum Impacts]



TPT-245
3/8" Impact Wrench, Twin Hammer
TPT-245-4
with 1/2" square drive



TPT-241
3/8" Impact Wrench,
Pin Clutch

TPT-241-L
with 3/8" (40mm)
extended anvil

TPT-241-4
with 1/2" square drive



TPT-243-SR
3/8" Impact Wrench,
Super Hammer

TPT-243-SR-4
with 1/2" square drive



TPT-230
3/8" Impact Wrench,
Double Hammer



TPT-247
3/8" Impact Wrench,
Jumbo Hammer

Model	SQ Drive	Free Speed	Max Torque Reverse		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch	rpm	ft-lb	Nm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	inch	mm
TPT-245	3/8	9,500	400	543	3.7	1.7	6.1	155	92	5	142	1/4	3/8	10	
TPT-245-4	1/2	9,500	450	611	3.7	1.7	6.1	155	92	5	142	1/4	3/8	10	
TPT-241	3/8	10,000	260	353	3.3	1.5	6.1	155	91	2.8	79	1/4	3/8	10	
TPT-241-L	3/8	10,000	260	353	3.5	1.6	7.8	199	91	2.8	79	1/4	3/8	10	
TPT-241-4	1/2	10,000	260	353	3.3	1.5	6.1	155	91	2.8	79	1/4	3/8	10	
TPT-243-SR	3/8	10,000	280	380	3.7	1.7	6.0	152	91	2.8	79	1/4	3/8	10	
TPT-243-SR-4	1/2	10,000	280	380	3.7	1.7	6.0	152	91	2.8	79	1/4	3/8	10	
TPT-230	3/8	10,000	15	20	2.7	1.2	9.5	241	87	3	85	1/4	1/4	10	
TPT-247	3/8	10,000	180	244	3.0	1.4	6.4	163	88	2.8	79	1/4	3/8	10	

[Composite Impacts]



TPT-318F-SR
1" Impact Wrench,
Super Hammer
TPT-318F-SR-L
with 8" (203mm) extended anvil



TPT-315G-SR-L
1" Impact Wrench, Super Hammer
TPT-315G-SR
with 1" short anvil



TPT-315F-SR-L
1" Impact Wrench, Super Hammer
TPT-315F-SR
with 1" short anvil

Model	SQ Drive	Free Speed	Max Torque Reverse		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch	rpm	ft-lb	Nm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	inch	mm
TPT-318F-SR	1	4,000	1,800	2,443	15.8	7.2	9.9	251	95	14.5	410	1/2	1/2	13	
TPT-318F-SR-L	1	4,000	1,800	2,443	18.0	8.2	16.6	421	95	14.5	410	1/2	1/2	13	
TPT-315G-SR-L	1	4,000	2,100	2,852	22.8	10.4	21.7	556	95	14.5	410	1/2	1/2	13	
TPT-315G-SR	1	4,000	2,100	2,852	20.0	9.1	15.7	400	95	14.5	410	1/2	1/2	13	
TPT-315F-SR-L	1	4,000	1,900	2,580	18.7	8.5	21.7	550	95	14.5	410	1/2	1/2	13	
TPT-315F-SR	1	4,000	1,900	2,580	16.7	7.6	15.6	395	95	14.5	410	1/2	1/2	13	

[Composite Impacts]



TPT-243V-SR
3/8" Impact Wrench,
Super Hammer
TPT-243V-SR-4
with 1/2" square drive



TPT-305W
1/2" Impact Wrench,
Pin Clutch
TPT-305W-L
with 2" (51mm) extended anvil



TPT-305V-SR
1/2" Impact Wrench,
Super Hammer
TPT-305V-SR-L
with 2" (51mm) extended anvil



TPT-278V-SR
3/4" Impact Wrench,
Super Hammer
TPT-278V-SR-L
with 6" (152mm)
extended anvil

[Stubby 1/2" Impact]



TPT-243D
1/2" Impact Wrench
Twin Hammer
Composite Housing



TPT-248D
3/8" Impact Wrench,
Super Hammer
TPT-248D-4
with 1/2" square drive



TPT-307D
1/2" Impact Wrench,
Super Hammer
TPT-307D-L
with 2" (51mm) extended anvil



TPT-272D
3/4" Impact Wrench,
Super Hammer
TPT-272D-L
with 6" (152mm)
extended anvil

Model	SQ Drive	Free Speed	Max Torque Reverse		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch	rpm	ft-lb	Nm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm	mm
TPT-243V-SR	3/8	12,000	320	434	2.6	1.2	6.5	165	89	7.4	209	1/4	3/8	10	
TPT-243V-SR-4	1/2	12,000	320	434	2.6	1.2	6.5	165	89	7.4	209	1/4	3/8	10	
TPT-305V-SR	1/2	7,500	1,000	1,357	4.4	2.0	7.6	193	90	10.2	289	1/4	3/8	10	
TPT-305V-SR-L	1/2	7,500	1,000	1,357	4.6	2.1	9.4	238	90	10.2	289	1/4	3/8	10	
TPT-305W	1/2	7,500	1,000	1,357	4.4	2.0	8.1	206	90	10.2	289	1/4	3/8	10	
TPT-305W-L	1/2	7,500	1,000	1,357	4.6	2.1	10.1	256	90	10.2	289	1/4	3/8	10	
TPT-278V-SR	3/4	5,500	1,400	1,900	7.5	3.4	9.0	229	90	9.5	269	3/8	3/8	10	
TPT-278V-SR-L	3/4	5,500	1,400	1,900	8.6	3.9	14.0	355	90	9.5	269	3/8	3/8	10	

Model	SQ Drive	Free Speed	Max Torque Reverse		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch	rpm	ft-lb	Nm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm	mm
TPT-243D	1/2	9,000	450	611	2.4	1.1	4.6	118	89.7	4.2	118	1/4	3/8	10	
TPT-248D	3/8	10,000	450	611	2.9	1.3	6.7	170	89	5	142	1/4	3/8	10	
TPT-248D-4	1/2	10,000	450	611	2.9	1.3	6.7	170	89	5	142	1/4	3/8	10	
TPT-307D	1/2	7,500	1,290	1,751	4.6	2.1	7.7	196	90	5.7	161	1/4	3/8	10	
TPT-307D-L	1/2	7,500	1,290	1,751	4.8	2.2	9.8	248	90	5.7	161	1/4	3/8	10	
TPT-272D	3/4	5,000	1,550	2,103	8.1	3.7	9.3	236	90	7.8	221	3/8	3/8	10	
TPT-272D-L	3/4	5,000	1,550	2,103	9.2	4.2	14.2	361	90	7.8	221	3/8	3/8	10	



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.

[TDW series]



Model	Drive Size	Free Speed	Bolt Capacity	Working Torque (3 secs in forward)		Max. Torque (5 secs in reverse)		Weight		Overall Length		Noise Level	Air Cons.	Air Inlet	Hose Size	Vibration Level
	inch	rpm	mm	Nm	ft-lb	Nm	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

[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 (3 secs in forward)		Max. Torque (5 secs in reverse)		Weight		Overall Length		Noise Level	Air Cons.	Air Inlet	Hose Size	Vibration Level
	inch	rpm	mm	Nm	ft-lb	Nm	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



Air Ratchet Wrenches

- Aluminum Ratchets
- Composite Ratchets

[Aluminum Ratchets]



TPT-217
3/8" Ratchet Wrench
TPT-217-4
with 1/2" square drive



TPT-221
1/4" Ratchet Wrench
TPT-221-3
with 3/8" square drive



TPT-219
1/2" Heavy Duty Ratchet Wrench



TPT-222
1/4" Ratchet Wrench
TPT-222-3
with 3/8" square drive



TPT-220-3
3/8" Mini Ratchet Wrench
(2 in 1)



TPT-225
3/8" Heavy Duty Ratchet Wrench
TPT-225-4
with 1/2" square drive



TPT-220-3R
3/8" Mini Ratchet Wrench
with revolving head



TPT-226
3/8" Heavy Duty Ratchet Wrench
TPT-226-4
with 1/2" square drive

Model	SQ Drive	Free Speed	Max Torque		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	inch		ft-lb	Nm	lb	kg	inch	mm		cfm	L/min		inch	mm
TPT-217	3/8	160	55	75	2.6	1.2	10.0	254	93	8.5	240	1/4	3/8	10
TPT-217-4	1/2	160	55	75	2.6	1.2	10.0	254	93	8.5	240	1/4	3/8	10
TPT-219	1/2	150	90	122	4.4	2.0	14.2	360	103	8.0	225	1/4	3/8	10
TPT-220-3	3/8	260	20	27	0.9	0.4	4.7	120	87	10.6	300	1/4	3/8	10
TPT-220-3R	3/8	260	20	27	0.9	0.4	4.7	120	87	10.6	300	1/4	3/8	10
TPT-221	1/4	220	26	35	1.3	0.6	6.9	174	83	3.9	110	1/4	3/8	10
TPT-221-3	3/8	220	26	35	1.3	0.6	6.9	174	83	3.9	110	1/4	3/8	10
TPT-222	1/4	260	15	20	1.1	0.5	5.1	130	86	3.9	110	1/4	3/8	10
TPT-222-3	3/8	260	15	20	1.1	0.5	5.1	130	86	3.9	110	1/4	3/8	10
TPT-225	3/8	160	60	81	2.6	1.2	10.2	260	93	9.5	269	1/4	3/8	10
TPT-225-4	1/2	160	60	81	2.6	1.2	10.2	260	93	9.5	269	1/4	3/8	10
TPT-226	3/8	160	55	75	2.4	1.1	10.6	270	93	9.0	255	1/4	3/8	10
TPT-226-4	1/2	160	55	75	2.4	1.1	10.6	270	93	9.0	255	1/4	3/8	10



TPT-223
Inline Ratchet Wrench



TPT-224
Inline Ratchet Wrench

Model	Bolt Capacity		Free Speed	Max Torque		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	mm	inch		ft-lb	Nm	lb	kg	inch	mm		cfm	L/min		inch	mm
TPT-223	M6-M12		180	7	10	2.9	1.3	11.8	300	86	4.5	127	1/4	1/4	6.4
TPT-224	M10-M14		250	18	25	3.9	1.8	13.4	340	87	7.5	212	1/4	1/4	6.4

[Composite Ratchets]



TPT-221F
1/4" Ratchet Wrench
TPT-221F-3
with 3/8" square drive

Accessories for Air Ratchets

216-039 Head Cover

Apply to: TPT-217, TPT-217F

222F-046 Head Cover

Apply to: TPT-221, TPT-221F



TPT-217F
3/8" Ratchet Wrench
TPT-217F-4
with 1/2" square drive



Model	SQ Drive	Free Speed	Max Torque		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	inch		ft-lb	Nm	lb	kg	inch	mm		cfm	L/min		inch	mm
TPT-221F	1/4	230	26	35	1.3	0.6	7.6	194	83	1.9	55	1/4	3/8	10
TPT-221F-3	3/8	230	26	35	1.3	0.6	7.6	194	83	1.9	55	1/4	3/8	10
TPT-217F	3/8	160	60	81	2.0	0.9	10.6	270	86	6.0	170	1/4	3/8	10
TPT-217F-4	1/2	160	60	81	2.0	0.9	10.6	270	86	6.0	170	1/4	3/8	10

Head Cover not included

[Sockets]



1/2" **01-0231** Deep Socket Set (4 pcs)
17mm / 19mm / 21mm / 22mm / 80mmL
Color Socket also available



1/2" **01-0226** Socket Set (3 pcs)
17mm / 19mm / 21mm / 39mmL
Color Socket also available



1/2" **01-0233** Thin Wall Wheel Socket Set (3pcs)
17mm / 19mm / 21mm / 85mmL



1/2" **01-0234** Deep Socket Set (3pcs)
17mm / 19mm / 21mm / 78mmL



1/2" **01-0235** Thin Wall Wheel Socket kit
17mm / 19mm / 21mm



1/2" **01-0236** Thin Wall Wheel Socket kit
15mm / 17mm / 19mm / 21mm



3/4" **01-0263** Socket Set (4 pcs)
17mm / 19mm / 21mm / 27mm



1" **01-0281** Socket Set (4 pcs)
21mm / 27mm / 38mm / 41mm



Air Grinders and Cutting Tools

■ Angle Grinders ■ Die Grinders ■ Composite Grinders ■ Cutting Tools

[Corner Grinder]



TPT-622FB

Wheel Size: 100 x 10



Model	Spindle Thread	Free Speed	Rated Power		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	inch	rpm	hp	KW	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-622FB	3/8	14,000	0.5	0.4	2.9	1.3	14.6	372	86	9.5	268	1/4	3/8	10



TPT-507R

4" Angle Grinder, M10 x 1.5,
Roller Switch

TPT-507R-B
with 5" disc, M14 x 2



TPT-508

7" Angle Grinder



TPT-508H

7" Industrial Angle Grinder



TPT-509

4" Angle 100° Grinder, 3/8" -24

TPT-509-B
with 5" disc, M14 x 2

[Angle Grinders]



TPT-507

4" Angle Grinder, M10 x 1.5

TPT-507-B
with 5" wheel, M14 x 2



TPT-507H

4" Industrial Angle Grinder, 3/8" -24

TPT-507H-B
with 5" wheel, M14 x 2

Model	Spindle Thread	Free Speed	Rated Power		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	inch	rpm	hp	KW	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-507	M10 x 1.5P	11,000	1.0	0.7	3.9	1.8	8.9	226	86	17.3	490	1/4	3/8	10
TPT-507-B	M14 x 2P	11,000	1.0	0.7	3.9	1.8	8.9	226	86	17.3	490	1/4	3/8	10
TPT-507H	3/8 - 24	15,000	1.0	0.7	4.4	2.0	9.7	246	86	13.4	380	1/4	3/8	10
TPT-507H-B	M14 x 2P	15,000	1.0	0.7	4.4	2.0	9.7	246	86	13.4	380	1/4	3/8	10

Grinding Disc not included; Spindle Size available : 5/8"-11"; M10 x 1.5P; M14 x 1.5P; M14 x 2P
All with safety trigger



TPT-910

7" Vertical Grinder



TPT-911

9" Vertical Grinder

Model	Spindle Thread	Free Speed	Rated Power		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	inch	rpm	hp	KW	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-507R	M10 x 1.5P	11,000	1.0	0.7	3.3	1.5	8.9	226	86	17.3	490	1/4	3/8	10
TPT-507R-B	M14 x 2P	11,000	1.0	0.7	3.3	1.5	8.9	226	86	17.3	490	1/4	3/8	10
TPT-508	5/8 - 11	7,000	1.2	0.9	7.0	3.2	13.5	343	101	9.0	255	3/8	3/8	10
TPT-508H	5/8 - 11	7,600	1.2	0.9	6.6	3.0	11.8	300	101	9.0	255	3/8	3/8	10
TPT-509	3/8 - 24	10,000	1.2	0.9	3.1	1.4	9.6	244	86	5.0	142	1/4	3/8	10
TPT-509-B	M14 x 2P	10,000	1.2	0.9	3.1	1.4	9.6	244	85	5.0	142	1/4	3/8	10
TPT-910	5/8 - 11	7,000	1.5	1.1	9.2	4.2	13.4	340	84	16.3	461	1/2	3/8	10
TPT-911	5/8 - 11	6,000	1.5	1.1	9.7	4.4	13.4	340	83	16.3	461	1/2	3/8	10

Grinding Disc not included; Spindle Size available: 5/8"-11"; M10 x 1.5P; M14 x 1.5P; M14 x 2P
All with safety trigger, except TPT-507R-B.

[Die Grinders]

TPT-501A

1/4" Mini Angle Die Grinder



TPT-501

1/4" Mini Die Grinder



TPT-521

1/4" Die Grinder



TPT-522

1/4" Die Grinder



TPT-523

Stripping Tool



TPT-524

1/4" Die Grinder Extended



TPT-531-B

Heavy Duty Die Grinder



TPT-532-B

Low Speed Die Grinder



Model	Collect Size	Free Speed	Rated Power		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch(mm)	rpm	hp	kw	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm	mm
TPT-501A	1/4(6)	22,000	0.3	0.2	1.1	0.5	5.6	142	86	9.5	270	1/4	3/8	10	
TPT-501	1/4(6)	25,000	0.3	0.2	0.9	0.4	5.6	142	86	9.5	270	1/4	3/8	10	
TPT-521	1/4(6)	20,000	0.5	0.4	1.5	0.7	7.0	177	86	9.9	280	1/4	3/8	10	
TPT-522	1/4(6)	3,500	0.5	0.4	2.0	0.9	8.6	218	86	9.9	280	1/4	3/8	10	

Model	Collect Size	Free Speed	Rated Power		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch(mm)	rpm	hp	kw	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm	mm
TPT-523	N/A	2,000	0.5	0.4	2.0	0.9	8.6	218	85	9.9	280	1/4	3/8	10	
TPT-524	1/4(6)	20,000	0.5	0.4	2.2	1.0	12.6	319	86	9.9	280	1/4	3/8	10	
TPT-531-B	0.3(8)	13,500	0.9	0.7	4.0	1.8	14.8	377	83	11.3	320	1/4	3/8	10	
TPT-532-B	0.3(8)	4,000	0.9	0.7	4.0	1.8	14.8	377	83	11.3	320	1/4	3/8	10	

TPT-502H

1/8" Micro Die Grinder

**TPT-503H**

1/8" Micro Die Grinder

**TPT-504H**

1/8" Micro Die Grinder

**TPT-505H**

1/8" Angle Surface Grinder



Model	Collect Size	Free Speed	Rated Power		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size
	inch(mm)	rpm	hp	kw	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-502H	1/8(3)	60,000	0.2	0.1	0.4	0.2	5.3	135	82	4.9	140	1/4	1/4	6.4
TPT-503H	1/8(3)	65,000	0.2	0.1	0.2	0.1	6.5	165	84	4.2	120	1/4	1/4	6.4
TPT-504H	1/8(3)	80,000	0.2	0.1	0.7	0.3	6.3	160	84	5.7	160	1/4	1/4	6.4
TPT-505H	1/8(3)	23,500	0.2	0.1	0.4	0.2	5.5	140	84	4.2	120	1/4	1/4	6.4

Sanding Disc Not Included

TPT-506

Turbo Lab Grinder(Liner)

TPT-506-03

with stroke 0.3mm

TPT-506-07

with stroke 0.7mm

TPT-506-12

with stroke 1.2mm

**TPT-506S**

Turbo Lab Grinder(Swing)

TPT-506S-03

with stroke 0.3mm

TPT-506S-07

with stroke 0.7mm

TPT-506S-12

with stroke 1.2mm

Model	Collect Size	Rated Power		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch	hp	kw	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	inch	mm
TPT-506,506S	-	-	-	0.4	0.2	7.3	185	84	4.2	120	1/4	1/4	1/4	6.4
Free Speed	TPT-506-03		TPT-506-07		TPT-506-12		TPT-506S-03		TPT-506S-07		TPT-506S-12			
rpm	60,000		30,000		20,000		55,000		20,000		10,000			

TPT-525

High Speed Tire Buffer

**TPT-526**

Low Speed Tire Buffer

**TPT-532**

Low Speed Tire Buffer



Model	Spindle Thread	Free Speed	Rated Power		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size
	inch	rpm	hp	kw	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-525	3/8-24	20,000	0.5	0.4	2.0	0.9	9.2	234	86	9.9	280	1/4	3/8	10
TPT-526	3/8-24	3,500	0.5	0.4	2.2	1.0	9.6	243	86	9.9	280	1/4	3/8	10
TPT-532	5/8-18	4,000	0.9	0.7	3.7	1.7	14.4	365	83	11.3	320	1/4	3/8	10



TPT-530
Heavy Duty Wheel Grinder

[Composite Die Grinders]



TPT-521F
1/4" Die Grinder

TPT-522F
1/4" Die Grinder



TPT-542A
1/4" Angle 97° Die Grinder



TPT-523F
Stripping Tool



TPT-524F
1/4" Die Grinder Extended



TPT-531-C
Heavy Duty Wheel Grinder



TPT-533
6" Super Duty Wheel Grinder



531-045, 533-045



513-001

Accessories for Die Grinders											
Part No.						Apply to					
531-045						2.5" Sanding Disc					
533-045						6" Sanding Disc					
513-001						Eraser Wheel					

Model	Wheel / Disc	Free Speed		Rated Power		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch	rpm	hp	kw	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm	inch	mm
TPT-530	3	20,000	0.5	0.4	2.2	1	7.9	200	86	15.2	430	1/4	3/8	10		
TPT-531-C	3	13,500	0.9	0.7	3.7	1.7	13.3	338	83	11.3	320	1/4	3/8	10		
TPT-533	6	5,700	0.9	0.7	11.4	5.2	19.7	500	87	26.9	760	1/4	3/8	10		

Model	Collect Size	Free Speed		Rated Power		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch(mm)	rpm	hp	KW	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm	inch	mm
TPT-521F	1/4(6)	20,000	0.5	0.4	1.3	0.6	7.1	180	85	9.9	280	1/4	3/8	10		
TPT-522F	1/4(6)	3,500	0.5	0.4	2.0	0.9	8.8	223	85	9.9	280	1/4	3/8	10		
TPT-523F	-	4,000	0.5	0.4	2.0	0.9	8.5	217	85	9.9	280	1/4	3/8	10		
TPT-524F	1/4(6)	20,000	0.5	0.4	2.2	1.0	12.6	319	86	9.9	280	1/4	3/8	10		
TPT-542A	1/4(6)	22,000	0.4	0.3	1.1	0.5	6.7	170	80	9.5	270	1/4	3/8	10		

[Composite Die Grinders]



TPT-535B
1/4" Die Grinder



TPT-536B
1/4" Die Grinder

Model	Collect Size	Free Speed	Rated Power		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	inch(mm)	rpm	hp	KW	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-535B	1/4(6)	25,000	0.3	0.2	0.9	0.4	6.0	153	86	10.6	300	1/4	3/8	10
TPT-536B	1/4(6)	25,000	0.3	0.2	1.1	0.5	7.8	199	86	10.6	300	1/4	3/8	10
TPT-537B	1/4(6)	20,000	0.3	0.2	1.1	0.5	6.0	153	86	10.6	300	1/4	3/8	10
TPT-538B	1/4(6)	15,000	0.3	0.2	1.1	0.5	6.7	169	86	10.6	300	1/4	3/8	10



TPT-537B
1/4" Angle Die Grinder



TPT-538B
1/4" Angle Die Grinder



TPT-501F
1/4" Mini Die Grinder



TPT-501FA
1/4" Mini Angle Die Grinder



TPT-525F
High Speed Tire Buffer



TPT-526F
Low Speed Tire Buffer



TPT-530FB
Air Cut-off Tool

Model	Collect Size	Free Speed	Rated Power		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	inch(mm)	rpm	hp	KW	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-501F	1/4(6)	25,000	0.3	0.2	0.9	0.4	5.6	142	86	9.5	270	1/4	3/8	10
TPT-501FA	1/4(6)	22,000	0.3	0.2	1.1	0.5	5.6	142	86	9.5	270	1/4	3/8	10
Model	Thread	Speed	Power		Weight		Length		Level	Cons. @ Load		NPTF	Size	
	inch	rpm	hp	KW	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-525F	3/8-24	20,000	0.5	0.4	2.0	0.9	9.2	234	86	9.9	280	1/4	3/8	10
TPT-526F	3/8-24	3,500	0.5	0.4	2.2	1.0	9.6	243	86	9.9	280	1/4	3/8	10
Model	Disk Size	Free Speed	Rated Power		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	inch	rpm	hp	KW	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-530FB	3	20,000	0.5	0.4	2.2	1	7.5	190	85	15.2	430	1/4	3/8	10

[Cutting Tools]



TPT-472
Air File

TPT-473
Air File



TPT-529F
Composite Air Shear

Model	Stroke Speed	Piston Stroke	Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	bpm	mm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	inch	mm
TPT-472	3,700	10	2.2	1.0	6.5	165	90	4.2	120	1/4	3/8	10	
TPT-473	3,400	5	1.1	0.5	6.9	174	86	7.1	200	1/4	3/8	10	

Model	Cutting Capacity	Cutting Width	Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	mm	mm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	inch	mm
TPT-529F	1.5	5	2.4	1.1	8.0	204	85	19.1	540	1/4	3/8	10	



TPT-640C-K
TPT-640-K
Air Body Saw Kit



TPT-640
Air Body Saw



TPT-640C
Air Body Saw(Rear Exhaust)



TPT-690
Air Nibbler

Model	Stroke Speed	Piston Stroke	Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	bpm	mm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	inch	mm
TPT-640	9,500	10	1.5	0.7	11.0	280	83	7.8	220	1/4	3/8	10	
TPT-640C	9,500	10	1.5	0.7	11.8	300	83	7.8	220	1/4	3/8	10	
TPT-690	3,500	-	1.8	0.8	7.7	195	90	12.7	360	1/4	3/8	10	



■ Sanders

Air Finishing Tools

[Random Orbital Sanders]



TPT-435

3" Random Orbital Sanders

Model	Pad Diameter	Orbital Diameter	Free Speed	Net Weight		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF			Vac Type
	inch	inch(mm)	rpm	lb	kg	dBA	cfm	L/min	inch	inch	mm	
TPT-435N-3H	3	3/32(2.5)	10,000	1.5	0.7	83	19.1	540	1/4	3/8	10	NV
TPT-435C-3H	3	3/32(2.5)	10,000	1.5	0.7	83	19.1	540	1/4	3/8	10	CV



TPT-441



TPT-434



TPT-436

5" Random Orbital Sanders

Model	Pad Diameter	Orbital Diameter	Free Speed	Net Weight		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF			Vac Type
	inch	inch(mm)	rpm	lb	kg	dBA	cfm	L/min	inch	inch	mm	
TPT-441N-5H	5	3/16(5)	12,000	1.8	0.8	82.0	15.5	439	1/4	3/8	10	NV
TPT-441S-5H	5	3/16(5)	12,000	1.8	0.8	82.0	15.5	439	1/4	3/8	10	SV
TPT-441C-5H	5	3/16(5)	12,000	1.8	0.8	82.0	15.5	439	1/4	3/8	10	CV
TPT-434N-5H	5	3/16(5)	12,000	1.5	0.7	82.0	15.5	439	1/4	3/8	10	NV
TPT-434S-5H	5	3/16(5)	12,000	1.5	0.7	82.0	15.5	439	1/4	3/8	10	SV
TPT-434C-5H	5	3/16(5)	12,000	1.5	0.7	82.0	15.5	439	1/4	3/8	10	CV
TPT-436N-5H	5	3/16(5)	10,000	1.5	0.7	82.0	15.5	439	1/4	3/8	10	NV
TPT-436S-5H	5	3/16(5)	10,000	1.5	0.7	82.0	15.5	439	1/4	3/8	10	SV
TPT-436C-5H	5	3/16(5)	10,000	1.5	0.7	82.0	15.5	439	1/4	3/8	10	CV

NV=Non-Vacuum; SV=Self Vacuum; CV=Central Vacuum

[Random Orbital Sanders]



TPT-441



TPT-437



TPT-434



TPT-446



TPT-447

6" Random Orbital Sanders

Model	Pad Diameter	Orbital Diameter	Free Speed	Net Weight		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size		Vac Type
	inch	inch(mm)	rpm	lb	kg	dBA	cfm	L/min	inch	inch	mm		
TPT-441N-6H	6	3/16(5)	12,000	1.8	0.8	82	15.5	439	1/4	3/8	10		NV
TPT-441S-6H	6	3/16(5)	12,000	1.8	0.8	82	15.5	439	1/4	3/8	10		SV
TPT-441C-6H	6	3/16(5)	12,000	1.8	0.8	82	15.5	439	1/4	3/8	10		CV
TPT-434N-6H	6	3/16(5)	12,000	1.5	0.7	82	15.5	439	1/4	3/8	10		NV
TPT-434S-6H	6	3/16(5)	12,000	1.5	0.7	82	15.5	439	1/4	3/8	10		SV
TPT-434C-6H	6	3/16(5)	12,000	1.5	0.7	82	15.5	439	1/4	3/8	10		CV
TPT-437N-6H	6	3/16(5)	10,000	1.5	0.7	82	15.5	439	1/4	3/8	10		NV
TPT-437S-6H	6	3/16(5)	10,000	1.5	0.7	82	15.5	439	1/4	3/8	10		SV
TPT-437C-6H	6	3/16(5)	10,000	1.5	0.7	82	15.5	439	1/4	3/8	10		CV

NV=Non-Vacuum; SV=Self Vacuum; CV=Central Vacuum

6" Random Orbital Sanders

Model	Pad Diameter	Orbital Diameter	Free Speed	Net Weight		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size		Vac Type
	inch	inch(mm)	rpm	lb	kg	dBA	cfm	L/min	inch	inch	mm		
TPT-446N-6H	6	3/16(5)	9,000	3	1.5	88	15.7	445	1/4	3/8	10		NV
TPT-446S-6H	6	3/16(5)	9,000	3	1.5	88	15.7	445	1/4	3/8	10		SV
TPT-446C-6H	6	3/16(5)	9,000	3	1.5	88	15.7	445	1/4	3/8	10		CV
TPT-447N-6H	6	3/8(10)	9,000	3	1.5	88	15.7	445	1/4	3/8	10		NV
TPT-447S-6H	6	3/8(10)	9,000	3	1.5	88	15.7	445	1/4	3/8	10		SV
TPT-447C-6H	6	3/8(10)	9,000	3	1.5	88	15.7	445	1/4	3/8	10		CV

NV=Non-Vacuum; SV=Self Vacuum; CV=Central Vacuum

[Palm Sanders]

TPT-420
Palm Sander



TPT-430
Palm Sander



Model	Pad Size	Orbital Diameter	Free Speed	Net Weight		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size		Air Inlet NPTF
	mm	inch(mm)	rpm	lb	kg	dBA	cfm	L/min	inch	inch	mm	
TPT-420	75 x 82	1.2	15,000	1.1	0.5	77	0.8	22.6	1/4	3/8	10	NV
TPT-430	100 x 110	1.6	20,000	1.1	0.5	84	1.0	28.3	1/4	3/8	10	NV

[Jitterbug Sanders]

TPT-431
Jitterbug Sander



TPT-432
Tri-Form Sander



TPT-442
Jitterbug Sander



TPT-445
2-Hand Jitterbug Sander



Model	Pad Size	Orbital Diameter	Free Speed	Net Weight		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size		Vac Type
	mm	mm	rpm	lb	kg	dBA	cfm	L/min	inch	inch	mm	
TPT-431	100 x 10	2.5	11,000	2.0	0.9	82	9	255	1/4	3/8	10	NV
TPT-432	125 x 95	5	11,000	1.8	0.8	82	9	255	1/4	3/8	10	NV
TPT-442	100 x 180	3.2	8,500	2.6	1.2	80	9	255	1/4	3/8	10	NV
TPT-445	100 x 180	5	7,500	3.3	1.5	88	9	255	1/4	3/8	10	NV

NV=Non-Vacuum; SV=Self Vacuum; CV=Central Vacuum

[Mini Sanders/polishers]

TPT-411
2" Mini Orbital Sander



TPT-413
3" Mini Polisher



TPT-414
3" Mini Grinder



TPT-415
3" Mini Orbital Sander



TPT-416
3" Mini Polisher



TPT-417
Finger Sander
*Pad Thread 5/16"-24



Model	Pad/ Disc Size	Orbital Diameter	Free Speed	Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	inch	mm	rpm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-411	2	3	15,000	1.5	0.7	6.3	160	82	10.5	297	1/4	3/8	10
TPT-413	3	1.5	15,000	1.5	0.7	6.3	160	82	10.5	297	1/4	3/8	10
TPT-414	3	3	15,000	1.5	0.7	6.3	160	82	10.5	297	1/4	3/8	10
TPT-415	3	2	16,500	2.2	1.0	6.3	160	82	5.0	142	1/4	3/8	10
TPT-416	3	0.75	15,000	1.8	0.8	6.3	160	80	10.5	297	1/4	3/8	10
TPT-417	-	3	13,000	1.8	0.8	7.9	200	82	10.5	297	1/4	3/8	10

[Vertical Sanders/Polishers]



TPT-480

7" Heavy Duty Angle Sander



TPT-481

7" Heavy Duty Vertical Sander



TPT-490

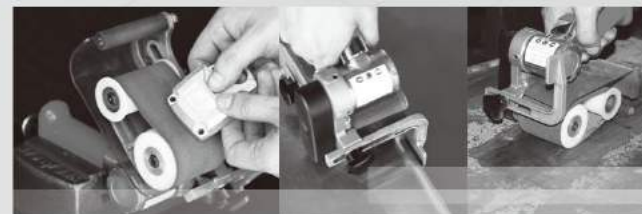
7" Heavy Duty Angle Polisher



TPT-491

7" Heavy Duty Vertical Polisher

[Belt Sanders]



TPT-469

60mm Belt Sander



TPT-475

10mm Belt Sander



TPT-448

Straight Line Sander



TPT-476

20mm Belt Sander



TPT-474

30mm Belt Sander

Model	Pad/ Disc Size	Free Speed	Spindle Thread	Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch	rpm	inch	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	inch	mm
TPT-480	7	4,500	5/8 - 11	6.4	2.9	17.4	441	81	19	524	1/4	3/8	10	
TPT-481	7	4,500	5/8 - 11	5.7	2.6	7.5	190	88	16	453	1/4	3/8	10	
TPT-490	7	2,500	5/8 - 11	6.4	2.9	17.4	441	81	19	524	1/4	3/8	10	
TPT-491	7	2,000	5/8 - 11	5.7	2.6	17.7	450	88	16	453	1/4	3/8	10	

Model	Belt Size	Free Speed	Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	mm	rpm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	inch	mm
TPT-475	10 x 330	18,000	2.0	0.9	6.5	165	88	4	113	1/4	3/8	10	
TPT-476	20 x 520	17,000	2.9	1.3	6.9	174	86	3	85	1/4	3/8	10	
TPT-474	30 x 540	13,000	4.6	2.1	11.0	280	92	3	85	1/4	3/8	10	
TPT-469	60 x 260	4,500	2.4	1.1	11.8	300	82	5	150	1/4	3/8	10	
TPT-448	400 x 70	2,300	6.6	3.0	7.7	195	80	11	303	1/4	3/8	10	



Air Drills and Screwdrivers

■ Air Drills ■ Air Screwdrivers

[Air Drills]



Model	Chuck Size	Free Speed	Rated Power		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	inch	rpm	hp	KW	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-600R	3/8	1,800	0.5	0.4	2.9	1.3	7.0	177	87	8.5	240	1/4	3/8	10
TPT-610R	1/2	750	0.5	0.4	4.0	1.8	8.0	203	87	8.5	240	1/4	3/8	10
TPT-601R	3/8	2,300	0.5	0.4	2.9	1.3	7.5	191	83	10.0	283	1/4	3/8	10
TPT-602R	1/2	500	0.5	0.4	4.0	1.8	9.0	228	83	10.0	283	1/4	3/8	10
TPT-605	3/8	2,200	0.5	0.4	2.2	1.0	7.0	177	87	10.0	283	1/4	3/8	10
TPT-605-4	1/2	2,200	0.5	0.4	2.2	1.0	7.0	177	87	10.0	283	1/4	3/8	10



TPT-606
1/2" Non-Reversible Drill



TPT-607
1/2" Non-Reversible Drill



TPT-608
3/8" Non-Reversible Drill

Model	Chuck Size	Free Speed	Rated Power		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch	rpm	hp	KW	lb	kg	inch	mm	dBa	cfm	L/min	inch	inch	mm	mm
TPT-606	1/2	800	0.5	0.4	4.0	1.8	8.0	203	87	8.5	241	1/4	3/8	10	
TPT-607	1/2	500	0.5	0.4	4.0	1.8	9.0	228	87	8.5	241	1/4	3/8	10	
TPT-608	3/8	1,500	0.5	0.4	2.4	1.1	7.8	197	75	3.0	85	1/4	3/8	10	
TPT-621A	3/8	1,800	0.5	0.4	2.4	1.1	7.9	201	75	3.0	85	1/4	3/8	10	
TPT-527	3/8	2,000	0.5	0.4	2.4	1.1	7.9	201	75	3.0	85	1/4	3/8	10	

TPT-621A
3/8" Reversible Angle Drill



TPT-527
3/8" Air Straight Drill

[Air Drills with Composite Housing]



TPT-527F
3/8" Air Drill



TPT-621FB
3/8" Air Angle Drill

Model	Chuck Size	Free Speed	Rated Power		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch	rpm	hp	KW	lb	kg	inch	mm	dBa	cfm	L/min	inch	inch	mm	mm
TPT-527F	3/8	2,000	0.5	0.4	2.2	1.0	8.6	218	85	9.9	280	1/4	3/8	10	
TPT-621FB	3/8	2,000	0.5	0.4	2.2	1.0	8.8	224	85	9.9	280	1/4	3/8	10	

[Accessories for Air Drills and Screwdrivers]



600R-032 Handle rubber
Apply to: TPT-600R, TPT-610R



766-027 Side handle
Apply to: TPT-726, TPT-728, TPT-766, TPT-768

[Air Screwdrivers]

TPT-747

1/4" Screwdriver



TPT-769

1/4" Screwdriver



TPT-758

1/4" Screwdriver



TPT-722

1/4" Angle Screwdriver



Model	Bolt Capacity	Free Speed	Max Torque		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	mm	rpm	in-lbs	Nm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-747	M5	11,000	195	22	1.8	0.8	7.4	187	96	2.5	70	1/4	1/4	6.4
TPT-758	M6-M8	9,000	531	60	2.2	1.0	7.9	200	90	4.0	113	1/4	1/4	6.4
TPT-769	M6-M8	8,500	531	60	2.6	1.2	6.5	165	86	4.0	113	1/4	1/4	6.4
TPT-722	M4-M5	9,000	354	40	2.6	1.2	9.4	240	87	4.5	127	1/4	1/4	6.4

Model	Bolt Capacity	Free Speed	Max Torque		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	mm	rpm	in-lbs	Nm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-772	M6-M8	8,500	531	60	2.6	1.2	6.8	172	87	4.0	113	1/4	1/4	6.4
TPT-761	M6-M8	8,000	443	50	2.6	1.2	6.5	165	87	5.8	165	1/4	1/4	6.4
TPT-764	M6-M8	1,800	115	13	2.4	1.1	7.0	178	87	4.0	113	1/4	1/4	6.4
TPT-765	M6-M8	800	142	16	2.6	1.2	8.5	216	87	4.0	113	1/4	1/4	6.4

TPT-761

1/4" Screwdriver



TPT-772

1/4" Screwdriver



TPT-764

1/4" Torque Control Screwdriver



TPT-765

1/4" Torque Control Screwdriver





TPT-726

1/4" Torque Control Screwdriver



TPT-728

1/4" Torque Control Screwdriver

[Air Screwdrivers]



TPT-768

1/4" Torque Control Screwdriver



TPT-766

1/4" Torque Control Screwdriver

Model	Bolt Capacity	Free Speed	Max Torque		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	mm	rpm	in-lbs	Nm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-726	M3-M5	1,800	71	8	2.4	1.1	10.7	273	82	9.6	273	1/4	1/4	6.4
TPT-728	M3-M5	800	97	11	2.9	1.3	11.4	290	82	10.2	290	1/4	1/4	6.4
TPT-766	M3-M5	1,800	80	9	2.9	1.3	9.0	229	80	4.5	127	1/4	1/4	6.4
TPT-768	M3-M5	800	106	12	3.1	1.4	9.6	244	82	4.5	127	1/4	1/4	6.4

Industrial Air Screwdrivers



TDCS Series-Clutch Type

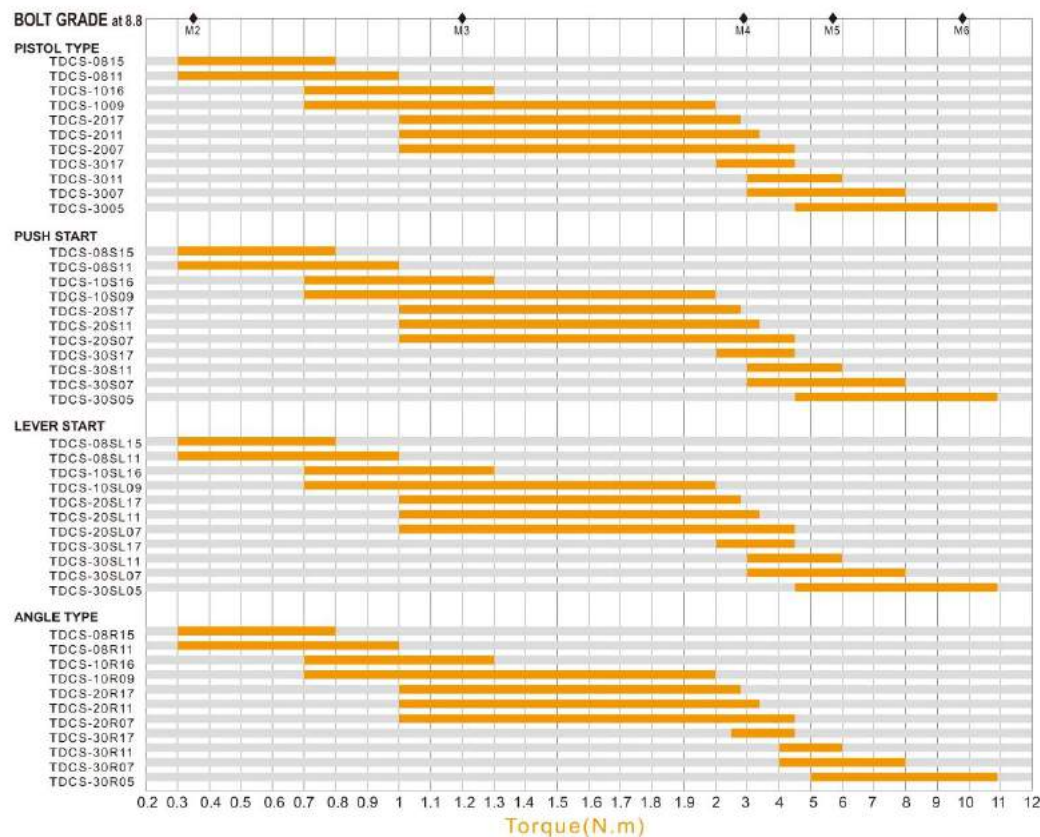
■ Pistol Type
 ■ Push Start
 ■ Lever Start
 ■ Angle Type

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

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

[Pistol Type]



SPECIFICATIONS

Model	Screw Size	Torque Range		Bit Shank	Free Speed	Weight		Drive Size		Dia	Air Inlet	Average Air Consumption		Noise Level
	mm	in-lb	Nm			mm	rpm	kg	lb			inch	inch	
TDCS-0815	M2	2.7 - 6.2	0.3 - 0.7	9	1,500	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	1,100	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	1,600	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	1,700	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	1,100	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	1,700	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	1,100	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 : 70psi (5kg/cm²)/0.5MPa TDCS-20,30 : 85psi (6kg/cm²)/0.6MPa
Air Hose Size : 10mm×6.5mm×5m



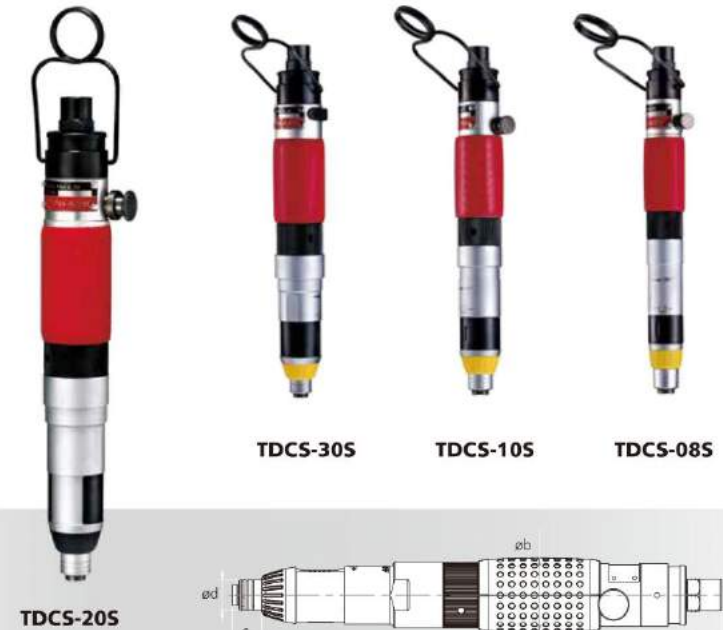
Dimensions

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	Torque Range		Bit Shank	Free Speed	Weight		Drive Size	Dia	Air Inlet	Average Air Consumption		Noise Level
	mm	in-lb	Nm	mm	rpm	kg	lb	inch	inch	inch	m³/min	ft³/min	dB(A)
TDCS-08S15	M2	2.7 - 6.2	0.3 - 0.7	9	1,500	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	1,100	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	1,600	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	1,700	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	1,100	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	1,700	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	1,100	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 : 70psi (5kg/cm²)/0.5MPa TDCS-20,30 : 85psi (6kg/cm²)/0.6MPa
Air Hose Size : 10mm×6.5mm×5m



Dimensions

Model	a (mm)	b (mm)	c (mm)	d (mm)
TDCS-08S	218	ø26	16	ø16
TDCS-10S	229	ø31.5	16	ø16
TDCS-20S	257	ø37.5	16	ø16
TDCS-30S	264	ø40.5	16	ø16

[Push Start]

[Lever Start]



SPECIFICATIONS

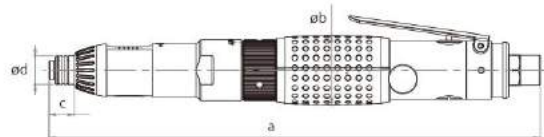
Model	Screw Size	Torque Range		Bit Shank	Free Speed	Weight		Drive Size	Dia	Air Inlet	Average Air Consumption		Noise Level
		in-lb	Nm			kg	lb				m³/min	ft³/min	
TDCS-08SL15	M2	2.7 - 6.2	0.3 - 0.7	9	1,500	0.41	0.9	1/4 F/Hex	0.9	1/8	0.2	7	73
TDCS-08SL11	M2	3.5 - 8.8	0.4 - 1	9	1,100	0.41	0.9	1/4 F/Hex	0.9	1/8	0.2	7	73
TDCS-10SL16	M2-M3	6.2 - 12.3	0.7 - 1.3	9	1,600	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	1,700	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	1,100	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	1,700	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	1,100	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	30.8 - 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 : 70psi (5kg/cm²)/0.5MPa TDCS-20.30 : 85psi (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



[Angle Type]



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	Torque Range		Bit Shank	Free Speed	Weight		Drive Size	Dia	Air Inlet	Average Air Consumption		Noise Level
		in-lb	Nm			kg	lb				m³/min	ft³/min	
TDCS-08R15	M2	2.7 - 7	0.3 - 0.8	9	1,500	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	1,100	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	1,600	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	1,700	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	1,100	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	1,100	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 : 70psi (5kg/cm²)/0.5MPa TDCS-20.30 : 85psi (6kg/cm²)/0.6MPa

Air Hose Size : 10mm×6.5mm×5m



Air Hammers and Needle Scalers

■ Air Hammers ■ Needle Scalers

TPT-684N

Air Hammer,
with round shank opening

TPT-684NH

with hex shank opening



TPT-685N

Air Hammer,
with round shank opening

TPT-685NH

with hex shank opening



Specification:

Model	Shank Opening		Stroke Speed	Power	Stroke Length		Net Weight		Vibration	Noise Level	Air cons. @Load		Overall Length		Air Inlet NPTF
	inch	mm	b.p.m	Joule	inch	mm	lb	kg	m/s²	dB(A)	cfm	l/m	inch	mm	inch
TPT-684N	0.401 Round	10.2	3,200	11	2.6	67	4.4	2.0	6.3	99	14.9	424	6.8	173	1/4
TPT-684NH	0.401 Hex	10.2	3,200	11	2.6	67	4.4	2.0	6.3	99	14.9	424	6.8	173	1/4
TPT-685N	0.401 Round	10.2	2,100	15	3.5	89	5.0	2.3	6.8	99	14.9	424	8.8	223	1/4
TPT-685NH	0.401 Hex	10.2	2,100	15	3.5	89	5.0	2.3	6.8	99	14.9	424	8.8	223	1/4
TPT-686	0.401 Round	10.2	3,000	10	2.4	60	3.3	1.5	6.3	95	14.9	424	7.9	200	1/4
TPT-686H	0.401 Hex	10.2	3,000	10	2.4	60	3.3	1.5	6.3	95	14.9	424	7.9	200	1/4

All Models : Hose Size 10mm(3/8") ; Air working pressure: 90psi (6.3bar)



Air Hammer Kit:

TPT-684N(H)K, TPT-685N(H)K

Make your life easy

- Choose a ready to use startup kit for metal working or concrete and stone jobs
- Protect and store your tool and accessories together in a handy high quality case

Kit includes: • Air Hammer • Quick Change Retainer • 5-Piece Chisel • Blow Case



TPT-686

Air Hammer, includes
5-pcs chisel kit(190mm/Round)

TPT-686H

Includes
5-pcs chisel kit(190mm/Hex)



Quick Change Retainer

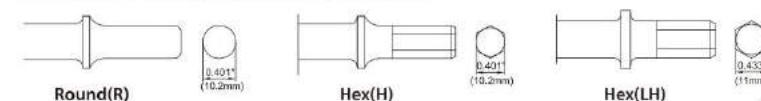
Part No.	Description
202A	QC Retainer For Shank Round/Hex

5-Piece Chisel Set

Model	Description
TST-9026	7" Chisel Set- Shank Hex (11mm/0.433")
TST-9027	7" Chisel Set- Shank Hex (10.2mm/0.401")
TST-9028	7" Chisel Set- Shank Round (10.2mm/0.401")



Chisel Shank 0.401"(10.2mm) Round & Hex / 0.433"(11mm) Hex



[Air Hammers]



TPT-930

Air Chipping Hammer

TPT-930H

with (0.58")14.7mm chisel, Hex



TPT-932

Air Chipping Hammer

TPT-932H

with (0.58")14.7mm chisel, Hex



TPT-931

Air Chipping Hammer

TPT-931H

with (0.58")14.7mm chisel, Hex



TPT-928

Air Scaling Hammer



TPT-929

Air Scaling Hammer



TPT-919

Air Riveting Hammer

Model	Shank Opening	Stroke Speed	Stroke Length		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	inch(mm)	bpm	inch	mm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	inch	mm
TPT-930	0.68(17.3)	2,400	3.0	77	17.6	8.0	14.4	365	104	33.9	960	1/4	3/8	10	
TPT-930H	0.58(14.7) hex	2,400	3.0	77	17.6	8.0	14.4	365	104	33.9	960	1/4	3/8	10	
TPT-931	0.68(17.3)	1,920	3.7	94	18.7	8.5	15.7	400	104	33.2	940	3/8	3/8	10	
TPT-931H	0.58(14.7) hex	1,920	3.7	94	18.7	8.5	15.7	400	104	33.2	940	3/8	3/8	10	
TPT-932	0.68(17.3)	1,550	4.0	102	19.8	9.0	16.7	425	104	30.4	860	3/8	3/8	10	
TPT-932H	0.58(14.7) hex	1,550	4.0	102	19.8	9.0	16.7	425	104	30.4	860	3/8	3/8	10	
TPT-928	-	7,000	1.5	38	5.1	2.3	22.0	560	101	5.0	141	1/4	3/8	10	
TPT-929	-	2,400	1.0	26	8.8	4.0	21.7	550	104	11.5	326	3/8	3/8	10	
TPT-919	8mm	5,400	1.2	31	0.9	0.4	6.7	170	96	3.0	85	1/4	3/8	10	

[Needle Scalers]



TPT-921

Air Needle Scaler

TPT-922

Air Needle Scaler

Model	Needle Quantity	Stroke Speed	Needle Size		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF		Hose Size	
	pcs	bpm	inch	mm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	inch	mm
TPT-921	19	3,700	1/8	3	5.9	2.7	13.2	335	108	4.2	120	1/4	3/8	10	
TPT-922	35	2,500	1/8	3	13.2	6.0	18.1	460	112	7.1	200	1/4	3/8	10	
TPT-923(F)	19	4,400	1/8	3	6.2	2.8	16.1	410	104	6.7	190	1/4	3/8	10	
TPT-926	28	2,800	1/8	3	11.9	5.4	23.6	600	112	10.0	283	1/4	3/8	10	
TPT-920	19	3,700	1/8	3	5.9	2.7	14.8	375	108	4.2	120	1/4	3/8	10	



TPT-923

Air Needle Scaler

TPT-923F

Air Flux Chipper



TPT-926

Air Needle Scaler



TPT-920

Air Needle Scaler

[Needle Scalers]



TPT-924
Air Flux Chipper



TPT-925
Air Gasket Scraper



TPT-927-3L
23.6"(600mm) in length

TPT-927-4L
47.2"(1,200mm) in length

TPT-927-5L
59.1"(1,500mm) in length
Air Long Reach Scraper

Model	Stroke Speed	Stroke Length		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	bpm	inch	mm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-924	2,700	1.3	33	4.8	2.2	13.2	335	107	5.0	141	1/4	3/8	10
TPT-925	4,000	1.6	40	1.8	0.8	9.6	245	91	3.5	100	1/4	3/8	10
TPT-927-3L	2,400	1.5	38	10.6	4.8	23.6	600	109	10.0	283	1/4	3/8	10
TPT-927-4L	2,400	1.5	38	14.3	6.5	47.2	1,200	109	10.0	283	1/4	3/8	10
TPT-927-5L	2,400	1.5	38	16.1	7.3	59.1	1,500	109	10.0	283	1/4	3/8	10

Special Tools

Riveters and Nut Setters
Caulking Guns
Grease Guns
Concrete Breakers



[Riveters and Nut Setters]

TPT-774

Air Nut Setter

Pulling Nut Size	Optional Pulling Nut				
	Steel	Aluminum	Steel	Aluminum	Steel
					
M3, M4	774-32M4	774-32M4	774-32M4	774-32M4	774-32M4
M5, M6	774-08M6	774-08M6	774-08M6	774-08M6	774-08M6
M8	774-04M8	774-04M8	774-04M8	774-04M8	774-04M8

Model	Pulling Size	Free Speed	Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	mm	rpm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-774-32M4	M3, M4	3,200	2.6	1.2	7.0	177	87	8.8	250	1/4	3/8	10
TPT-774-08M6	M5, M6	800	3.1	1.4	7.7	195	87	8.8	250	1/4	3/8	10
TPT-774-04M8	M8	400	3.1	1.4	7.7	195	87	8.8	250	1/4	3/8	10



TPT-695

Air Hydraulic Riveter



TPT-696

Air Hydraulic Riveter

Model	Piston Stroke	Traction Power	Capacity		Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	mm	Kg-f	inch	mm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-695	16	850	3/32-3/16	2.4-4.8	3.3	1.5	10.7	273	71	0.04	1	1/4	3/8	10
TPT-696	16	1,250	5/32-1/4	4-6.4	4.0	1.8	11.7	298	77	0.06	2	1/4	3/8	10

[Caulking Guns]

TPT-670K

Air Wonder Gun Kit



TPT-646

Air Adjustable Caulking Gun



Model	Cartridge / Sachet	Net Weight		Overall Length		Noise Level	Average Air Cons. @ Load		Air Inlet NPTF	Hose Size	
	Capacity	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-645	500ML / 310-600ML	2.6	1.2	15.2	386	70	2.0	57	1/4	1/4	6.4
TPT-646	310ML	2.4	1.1	12.0	305	70	4.0	113	1/4	3/8	10
TPT-670K	-	0.9	0.4	-	-	-	14.8	420	1/4	1/4	6.4



TPT-645

Air Sprayer, Sealer & Caulking Gun

[Grease Guns]

TKC-401

Air Continuous Grease Gun



TKC-500

Air Single Shot Grease Gun



TKC-505

Air Continuous Grease Gun



Model	Output Pressure	Capacity	Net Weight		Air Pressure		Air Inlet NPTF		Hose Size	
	PSI	cc (oz)	lb	kg	PSI	kg/cm ²	inch	inch	inch	mm
TKC-401	1,600-4,000	400 (14)	3.7	1.7	40-100	2.8-7	1/4	3/8	10	
TKC-500	1,600-6,000	500 (16)	3.5	1.6	40-150	2.8-10.5	1/4	3/8	10	
TKC-505	1,600-6,000	500 (16)	3.5	1.6	40-150	2.8-10.5	1/4	3/8	10	

[Concrete Breakers]



TPT-10S
Air Concrete Breaker



TPT-30S
Air Concrete Breaker

Model	Shank Opening	Stroke Speed	Stroke Length	Net Weight	Overall Length	Noise Level	Average Air Cons. @ Load	Air Inlet NPTF	Hose Size					
	mm	bpm	inch	mm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-10S	Round ø26	1,300	5.9	151	31	14.1	29.6	753	104	35.02	991	1/2	1/2	13
TPT-30S	Round ø30	1,000	9.3	235	54	24.6	34.6	880	104	42.01	1,189	1/2	3/4	19

[Accessories For TPT-10S/30S]



TPT-10S/30S-A
Unique Nut



TPT-10S18-B
1/2" & 3/4" Hose Nipple



TPT-10S013-B
Retainer Spring for TPT-10S



TPT-30S012-B
Hitch Cutter Retainer for TPT-30S



TPT-609
Spot Weld Drill Kit with Counter Arm



TPT-617
Punching and Welding Tool



TPT-643
Air Glass Removable Tool

Model	Free Speed	Bit Size	Net Weight	Overall Length	Noise Level	Average Air Cons. @ Load	Air Inlet NPTF	Hose Size					
	rpm	mm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm	
TPT-609	1,600	Ø8	Ø6.5	4.4	2.0	9.3	235	86	6.0	170	1/4	3/8	10

Model	Capacity	Punch Size	Flange Width	Net Weight	Overall Length	Noise Level	Average Air Cons. @ Load	Air Inlet NPTF	Hose Size				
	mm	mm	mm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-617	1.2(steel)/1.6(Al)	Ø5	Ø12	2.9	1.3	9.8	248	70	0.03	0.8	1/4	3/8	10

Model	Free Speed	Net Weight	Overall Length	Noise Level	Average Air Cons. @ Load	Air Inlet NPTF	Hose Size				
	rpm	lb	kg	inch	mm	dBA	cfm	L/min	inch	inch	mm
TPT-643	20,000	2.2	1.0	7.9	200	80	3.0	85	1/4	3/8	10

[Digital Torque Wrenches]



Quick change

Press To Release

Reversal Lever

Large LCD

Soft Button (One-button One-function)

Buzzer (Beep Tone)

Ergonomics Handle

Advanced CPU

Alarm LED

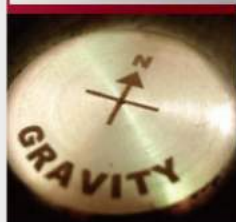
Square

GRAVITY

It is more precise to make the calibration in the Calibration Lab, after measuring the gravity by Taiwan National Science Council.

ISO 17025

Every torque wrench in DTW series is tested in the Calibration Lab. Complies with the ISO: 17025.



THE CALIBRATION MACHINE

Every torque wrench has been approved by the Calibration Lab. And the test report is internationally valid, which is granted by laboratories in numerous countries.



Calibration Laboratory

Calibration Laboratory

The Calibration Lab. is one of the members of Taiwan Accreditation Foundation (TAF).



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

Model	SQ Drive	Nm	ft-lbs	In-lbs	Kgm	Length (mm)	Weight (kg)
DTW-3135	3/8"	10-135	7.4-99.6	89-1,198	1-13.7	400	1.2
DTW-4135	1/2"	10-135	7.4-99.6	89-1,198	1-13.7	400	1.2
DTW-3200	3/8"	20-200	14.8-147	178-1,780	2-20.4	570	1.6
DTW-4200	1/2"	20-200	14.8-147	178-1,780	2-20.4	570	1.6
DTW-4340	1/2"	34-340	25-250.9	303-3,010	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

Accessories

[Maintenance Parts]

TPA-804FRL

FR & L Combinations



TPA-202FRL

FR & L Combinations



TPA-B20

Tire Pressure Gauge



TPA-B25

Tire Pressure Gauge



Model	Port Size	Filter Element	Adjustment Pressure	Max Service Pressure	Max Flow	Drain Capacity	Oil Capacity
	inch	μ	kg/cm ²	kg/cm ²	L/min	ml	ml
TPA-804FRL	1/4, 3/8, 1/2	20	0.5 - 9.9	15	1,750-2,200	80	125
TPA-202FRL	1/4	20	0.5 - 9.9	10	1,100	15	30

Model	Port Size	Nozzle Length	Max Pressure	
	inch	cm	PSI	kg/cm ²
TPA-B20	1/4	30	200	14
TPA-B25	1/4	85	200	14