

## RATCHETS

### 1/4" RATCHETS

For light duty repair or assembly work

- Also for confined space or hard to reach areas
- 1/4" square drive spindle with pin retainer
- Reverse button
- Ball-type socket retainer
- Teasing throttle
- 1/4" (NPTF) air inlet

Model No. THZ865



### 3/8" RATCHETS

For assembly, including electronics, appliances, and light manufacturing

- Fast change, 3/8" square drive spindle
- Improved ratchet head
- Reverse button
- Use as hand ratchet for final torque up or to break fastener loose
- 1/4" (NPTF) air inlet

Model No. THZ869



### 1/2" RATCHETS

For assembly, including electronics, appliances, and light manufacturing

- Fast change, 1/2" square drive spindle
- Improved ratchet head
- Reverse button
- Use as hand ratchet for final torque up or to break fastener loose
- 1/4" (NPTF) air inlet

Model No. TG069



Model No.	Mfg No.	Square Drive in.	Free Speed RPM	Torque Range Ft.-lbs. (Nm)		CFM	dBA	Vibration m/s <sup>2</sup>	Head Dimensions			Net Weight lbs. (kg)	Price /Each
				Min.	Max				Ht. To Rear of Socket in. (mm)	Side to Centre in. (mm)	Overall Length in. (mm)		
THZ865	CP825C	1/4	280	4 (5)	18 (25)	15.5	82	10	1 5/16 (24)	1 19/32 (15)	6 3/5 (169)	1.1 (.5)	
THZ869	CP828	3/8	150	10 (14)	50 (68)	16	92	10	1 3/16 (30.2)	25/32 (19.8)	10 (254)	2.6 (1.2)	
TG069	CP828H	1/2	150	10 (14)	50 (68)	16	92	10	1 3/16 (30.2)	25/32 (19.8)	10 (254)	2.6 (1.2)	

Noise levels are at 1.0 m per Pneurop Standard 8N-1. Vibration levels are per ISO 8662-1. For initial loosening and final tightening, apply torque by hand, not to exceed 30 ft.-lbs. (41 Nm)

## MINI RATCHET WRENCHES 1/4" & 3/8"

- Under 6" in length
- Small, lightweight and compact
- Soft handle grip
- TLZ709 has a quick release button
- Up to 27 ft.-lbs. in torque
- Speed: 275 RPM



Model No.	TLZ708	TLZ709
Mfg. No.	CP9426	CP9427
Square drive:	1/4"	3/8"
Free Speed:	275 RPM	275 RPM
Torque range:	5-27 ft.-lbs.	5-27 ft.-lbs.
Length:	5.1"	5.1"
Air Flow:	12.5 CFM	12.5 CFM
Air Inlet:	1/4"	1/4"
Air Hose Bore:	-	-
Sound Level:	82 dB (A)	82 dB (A)
Sound Power:	93 dB (A)	93 dB (A)
Vibration Level:	5.5 m/s <sup>2</sup>	4.5 m/s <sup>2</sup>
Weight:	1.08 lbs.	1.11 lbs.
Price/Each	\$	\$

## LIGHTWEIGHT, HEAVY-DUTY, ALUMINUM IMPACT WRENCHES

- Lightweight, high power, low noise
- Composite body and aluminum clutch housing
- Great durability and power
- 3 forward power settings



Model No.	TLZ320	TLZ321	TLZ322	TLZ323
Mfg. No.	CP8222-R	CP8242-R	CP8252-R	CP8272-D
Square drive:	3/8"	1/2"	1/2"	3/4"
Socket retainer:	Friction ring	Friction ring	Friction ring	Both friction ring & hole
Clutch Type:	Twin hammer	Twin hammer	Twin hammer	Twin hammer
Torque working:	184-295 ft.-lbs.	184-295 ft.-lbs.	220-590 ft.-lbs.	100-960 ft.-lbs.
Torque max.:	331 ft.-lbs.	479 ft.-lbs.	775 ft.-lbs.	1217 ft.-lbs.
Length:	6.96"	6.96"	7.87"	9.05"
Air Flow:	32 CFM	32 CFM	28.8 CFM	48 CFM
Air Inlet:	1/4" NPTF	1/4" NPTF	1/4" NPTF	3/8" NPTF
Air Hose Bore:	3/8"	3/8"	3/8"	1/2"
Sound Level:	89 dBA	89 dBA	94 dBA	96 dBA
Sound Power:	100 dBA	100 dBA	105 dBA	107 dBA
Vibration Level:	3.9 m/s <sup>2</sup>	3.9 m/s <sup>2</sup>	7.9 m/s <sup>2</sup>	9 m/s <sup>2</sup>
Weight:	2.53 lbs.	2.64 lbs.	4.4 lbs.	7.16 lbs.
Price/Each	\$	\$	\$	\$