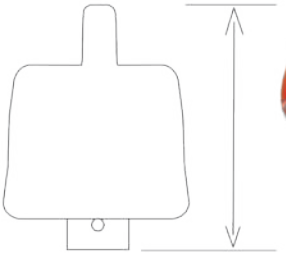
Ratchets: Square Drive Lever Control

Made In the U.S.A.

Premium ratchets from Cementex are available in multiple styles to match the new designs and developments of the Insulated Ratchet. Whether you are looking for an entirely new, state of the art design, or you are looking to update and replace tools from a set already in service, Cementex has the ratchet to keep you safe.

IR38-LCS

"Stubby" for work in areas with limited space



Regular Profile Short Drive

1/4" Dr. = 1.60"
3/8" Dr. = 2.30"
1/2" Dr. = 2.20"

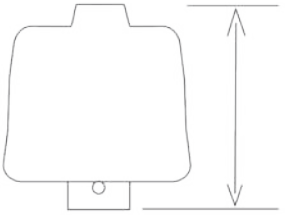
IR14-LC

The "Classic" Regular Profile Short Drive Ratchet has been the industry standard design, set by Cementex, for decades. This ratchet features precision geared design which provides minimal distance between gear engagement and allows better control in tight spaces.

The "Classic" is the standard ratchet included in Cementex 1/4" Drive Sets.

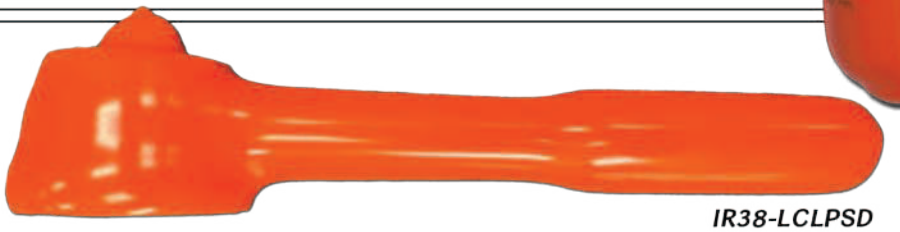
IR34-LC

PN	***DESC***
IR14-LC	1/4" Square Drive Ratchet
IR14-LCS	1/4" Square Drive "Stubby" Ratchet
IR38-LCSD	3/8" Square Short Drive Ratchet
IR12-LCSD	1/2" Square Short Drive Ratchet
IR34-LC	3/4" Square Drive Ratchet



Low Profile Short Drive

1/4" Dr. = 1.30"
3/8" Dr. = 2.00"
1/2" Dr. = n/a



IR38-LCLPSD

The Low Profile Short Drive Ratchet from Cementex is the "Classic" but with a shorter lever control. This shorter lever control reduces the head height and may allow the use of a ratchet where clearance may otherwise make it impossible.

PN	***DESC***
IR14-LCLP	1/4" Square Short Drive Low Profile Ratchet
IR38-LCLPSD	3/8" Square Short Drive Low Profile Ratchet
IR12-LCLPSD	1/2" Square Short Drive Low Profile Ratchet

RATED 1000 VAC 1500 VDC
Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

X-DRIVE® Ratchets

IR38-LC

The Cementex X-DRIVE® revolutionized the Insulated Ratchet and the method of concealing connection points between ratchets, extensions, adapters, and sockets. X-DRIVE® ratchets feature an extended drive, designed to mate with Cementex "Booted" interchangeable tools. When X-DRIVE® connections are made an overlap of insulation is created between components, providing a completely concealed connection. This connection is cleaner, slimmer reduces the potential of damage to sockets and extension insulation.

X-DRIVE® is the standard ratchet included in Cementex 3/8" and 1/2" Drive Sets.

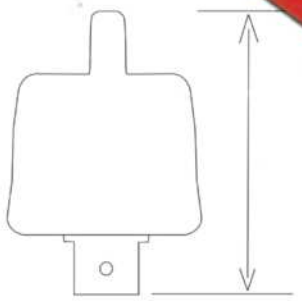
PN	DESC
IR38-LC	3/8" Square X-DRIVE® Ratchet
IR38-LCS	3/8" Square X-DRIVE® "Stubby" Ratchet
IR38-LCLP	3/8" Square X-DRIVE® Low Profile Ratchet
IR12-LC	1/2" Square X-Drive® Ratchet
IR12-LCS	1/2" Square X-Drive® "Stubby" Ratchet

IR38-TW shown with interchangeable tools and DriveHandle® nut driver

This innovative ratchet design changes the game and adds a whole new level of function and usability to beyond just your socket set.

The T-Handle Wrench Ratchet allows users to connect to extension bars, sockets, bit sockets and even DriveHandle®nut drivers to achieve desired tool configuration to significantly expand the functionality of your existing tools.

PN	DESC
IR38-TW	3/8" Square Drive T-Handle Wrench with X-DRIVE®



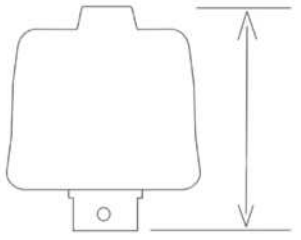
Regular Profile Cementex X-Drive®

1/4" Dr. = n/a
3/8" Dr. = 2.60"
1/2" Dr. = 3.00"

IR38-LCLP

The Low Profile X-DRIVE® Ratchet from Cementex features a shorter lever control. This shorter lever control reduces the head height and may allow the use of a ratchet where clearance may otherwise make it impossible.

PN	DESC
IR38-LCLP	3/8" Square X-DRIVE® Low Profile Ratchet
IR12-LCLP	1/2" Square X-DRIVE® Low Profile Ratchet



Low Profile Cementex X-Drive®

1/4" Dr. = n/a
3/8" Dr. = 2.30"
1/2" Dr. = 2.60"

RATED 1000 VAC / 1500 VDC Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

Tools comply with ASTM F1505 and IEC 60900 standards and help meet the requirements of OSHA 1910.331-335, NFPA 70E®, and CSA-Z462.

Torque Tools

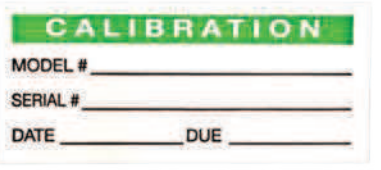
Cementex is driven to innovate and provide tools that make working safely the go-to option by engineering tools that fit the job requirements. The importance of following and meeting torque specifications is becoming more important by the day and are typically required in order to maintain manufacturer warranties on the equipment being worked on.

National Electrical Code 2023 - 110.14(D) *Terminal Connection Torque. Tightening torque values for terminal connections shall be as indicated on equipment or in installation instructions provided by the manufacturer. An approved means shall be used to achieve the indicated torque value.*

Cementex has the largest offering of torque tools in all the various configurations to work with our complete line of interchangeable tools. Talk about options, Torque Screwdrivers, Torque Wrenches in Inch-Pound, Foot-Pound, Newton-Meter with options including X-Drive®, Short Drive, Fixed Heads, Low Profile, Non-Ratcheting, Clock Wise only, and even Preset units. We have the tool you need to get the job done right.

As with all of our tools, we utilize quality American made base torque wrenches and apply our Cementex insulation coating creating the ultimate 1000V rated precision instruments. Should you need, we do offer replacement "boots".

Our torque tools all ship calibrated and require annual recalibration. We offer recalibration services, which include minor repairs if required for all of our units. Upon inspection, should major repairs be required a quote for the work would be provided. Warranties on our torque tools apply only to tools that have maintained their annual calibrations. Always store all adjustable models at their lowest torque setting without forcing below that setting.



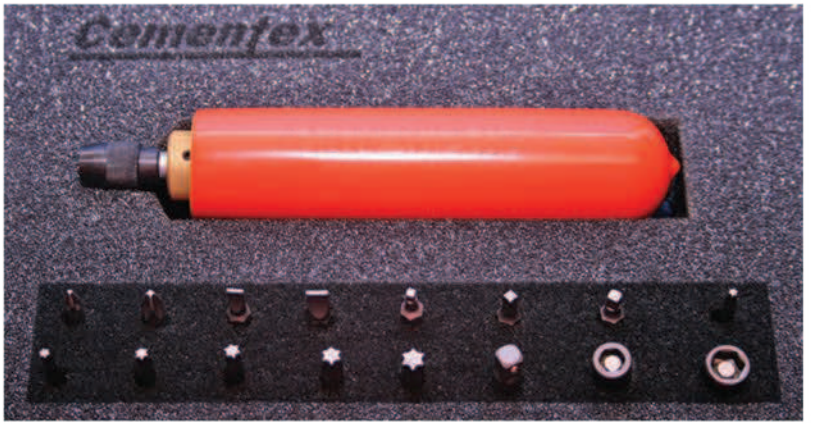
RATED 1000 VAC 1500 VDC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

Torque Screwdrivers

Made In the U.S.A.

- Precision micrometer scale calibrated in Inch-Pounds, increments 1 inch-lbs.
- Easy-release bit holders featuring 1/4" Female hex drive securely retain bits during operation while permitting easy removal.
- Anti-backlash design for repeatability.
- Meets or exceeds ASME B107.14M and ISO 6789 specifications.
- Adjustable model accuracy is +/-4 of setting, starting at 20% of full scale.
- Clockwise (right-hand) only.



636TSDK

1050TSD

Part Number	Description	Range/Scale					Square Drive			Tang/Lever Style				Drive Style		
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
636TSD	6-36 In-Lbs Torque Scewdriver	6-36	*													Power Bits
636TSD140	6-36 In-Lbs Torque Screwdriver w/Boot	6-36	*													Power Bits
1050TSD	10-50 In-Lbs Torque Screwdriver	10-50	*													Power Bits

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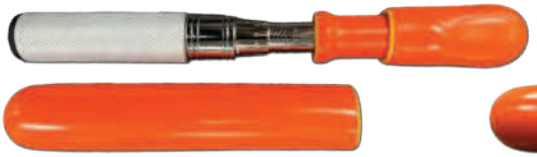
Torque Wrenches

Cementex Torque Wrenches are available with various configurations. To simplify the available offerings, we have identified these options in chart format, organized by the Size, or working range of the units. Each part number is listed and identifies the Scale of range whether it is Inch-Pound, Foot-Pound, Newton-Meter or a Preset. It then provides the appropriate Square Drive options of the unit including the Drive tang and Lever styles.

Part Number	Description	Range/Scale					Square Drive			Tang/Lever Style				Drive Style		
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed

If the configuration that you require is not listed within the chart or you wish to have it created as a kit and that option was not shown, contact your Cementex Dealer or Sales Representative to inquire about your request.

- Audible "click" and/or a few degrees of travel provide simple, fast indication of micrometer-accurate torque settings.
- Low friction torque control mechanism produces accurate readings in either direction.
- All torque wrenches have tolerance limits of +/-4 of in clockwise (right-hand) setting.
- Two calibration adjustments (major and fine) permit easy and precise torque settings. Most conventional torque wrenches only have one adjustment.
- Dual scale models give readings in Inch-Pound/Newton-Meter or Foot-Pound/Newton-Meter.
- Spring-loaded or Twist-locking collar locks scale on desired reading and remains in locked position. Wrench cannot be left inadvertently unlocked.
- Heavy-Duty, reversible ratchet models have quick-shift lever to allow easy single-hand shifting.
- Always store adjustable models at their lowest torque setting without forcing below lowest setting.
- Meets or exceeds ASME B107.14M and ISO 6789 specifications.



10-50 Working Range

1050TW14I

Made In the U.S.A.

Part Number	Description	Range/Scale					Square Drive			Tang/Lever Style				Drive Style		
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
1050TW14I	1/4" SqDr 10-50 In-Lbs TW	10-50	*				*			*					*	
1050TW38NM	3/8" SqDr 10-50 NM TW	10-50			*			*		*				*		
1050TW38NM-SD	3/8" SqDr 10-50 NM TW	10-50			*			*		*					*	

1575TW38F

15-75 Working Range

Part Number	Description	Range/Scale					Square Drive			Tang/Lever Style				Drive Style		
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
1575TW12F	1/2" SqDr 15-75 Ft-Lbs TW	15-75		*					*	*				*		
1575TW12F-CW	1/2" SqDr 15-75 Ft-Lbs TW w/Clock Wise Rotation	15-75		*					*			*		*		
1575TW12F-CWSD	1/2" SqDr 15-75 Ft-Lbs TW Short Drive w/Clock Wise Rotation	15-75		*					*			*			*	
1575TW12F-LP	1/2" SqDr 15-75 Ft-Lbs TW Low-Profile Head	15-75		*					*		*			*		
1575TW12F-LPSD	1/2" SqDr 15-75 Ft-Lbs TW Low-Profile Head w/Short Drive	15-75		*					*		*				*	
1575TW12F-SD	1/2" SqDr 15-75 Ft-Lbs TW Short Drive	15-75		*					*	*					*	
1575TW38F	3/8" SqDr 15-75 Ft-Lbs TW	15-75		*				*		*				*		
1575TW38F-CW	3/8" SqDr 15-75 Ft-Lbs TW w/Clock Wise Rotation	15-75		*				*				*		*		
1575TW38F-CWSD	3/8" SqDr 15-75 Ft-Lbs TW Short Drive w/Clock Wise Rotation	15-75		*				*				*			*	
1575TW38F-LP	3/8" SqDr 15-75 Ft-Lbs TW Low-Profile Head	15-75		*				*			*			*		
1575TW38F-LPSD	3/8" SqDr 15-75 Ft-Lbs TW Low-Profile Head w/Short Drive	15-75		*				*			*				*	
1575TW38F-SD	3/8" SqDr 15-75 Ft-Lbs TW Short Drive	15-75		*				*		*					*	

ARATED 1000 VAC / 1500 VDC Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

Tools comply with ASTM F1505 and IEC 60900 standards and help meet the requirements of OSHA 1910.331-335, NFPA 70E®, and CSA-Z462.

30-150 Working Range

Within the Cementex 30-150 size range of torque wrenches there are two distinct head styles designed to meet task demands. We offer our compact head design and our innovative Cementex X-Drive® along with other head styles including fixed head options.

30150TW38I-NR

30150TW38I Series
2.6" Head Depth
12.5" Overall Length

30150UTW38I Series
1.75" Head Depth
10" Overall Length

30150TW716I

Part Number	Description	Range/Scale					Square Drive			Tang/Lever Style				Drive Style		
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
30150TW10MI	30-150 In-Lbs TW 10MM Ratcheting Head	30-150	*													10MM GW
30150TW120I	30-150 In-Lbs TW 1/2" Ratcheting Head	30-150	*													1/2" GW
30150TW12F	1/2" SqDr 30-150 Ft-Lbs TW X-Drive Head	30-150		*					*	*				*		
30150TW12F-CW	1/2" SqDr 30-150 Ft-Lbs TW Clock-Wise X-Drive Head	30-150		*					*			*		*		
30150TW12F-LP	1/2" SqDr 30-150 Ft-Lbs TW Low-Profile X-Drive Head	30-150		*					*		*			*		
30150TW13MI	30-150 In-Lbs TW 13MM Ratcheting Head	30-150	*													13MM GW
30150TW14I	1/4" SqDr 30-150 In-Lbs TW X-Drive Head	30-150	*				*			*					*	
30150TW14I-CW	1/4" SqDr 30-150 In-Lbs TW Clock-Wise X-Drive Head	30-150	*				*					*			*	
30150TW14I-LP	1/4" SqDr 30-150 In-Lbs TW X-Drive Head	30-150	*				*				*				*	
30150TW14I-NR	1/4" SqDr 30-150 In-Lbs TW w/Non-Ratcheting Head	30-150	*				*								*	
30150TW17MOE	30-150 In-Lbs TW 17MM Open End Wrench	30-150	*													17MM OE
30150TW380I	30-150 In-Lbs TW 3/8" Ratcheting Head	30-150	*													3/8" GW
30150TW38F	3/8" SqDr 30-150 Ft-Lbs TW X-Drive Head	30-150		*				*		*				*		
30150TW38F-CW	3/8" SqDr 30-150 Ft-Lbs TW Clock-Wise X-Drive Head	30-150		*				*				*		*		
30150TW38F-LP	3/8" SqDr 30-150 Ft-Lbs TW Low-Profile X-Drive Head	30-150		*				*			*			*		
30150TW38I	3/8" SqDr 30-150 In-Lbs TW X-Drive Head	30-150	*					*		*				*		
30150TW38I-CW	3/8" SqDr 30-150 In-Lbs TW w/Clock Wise Rotation X-Drive Head	30-150	*					*				*		*		
30150TW38I-LP	3/8" SqDr 30-150 In-Lbs TW X-Drive Head	30-150	*					*			*			*		
30150TW38I-NR	3/8" TW w/Non-Ratcheting Head	30-150	*					*							*	
30150TW716I	30-150 In-Lbs TW 7/16" Ratcheting Head	30-150	*													7/16" GW
30150TW716OE	30-150 In-Lbs TW 7/16 Open End Wrench	30-150	*													7/16" OE
30150TW916OE	30-150 In-Lbs TW 9/16 Open End Wrench	30-150	*													9/16" OE
30150TW38I-LPSD	3/8" SqDr 30-150 In-Lbs TW Low-Profile Head	30-150	*					*			*				*	
30150TW38I-CWSD	3/8" SqDr 30-150 In-Lbs TW w/Clock Wise Rotation	30-150	*					*				*			*	
30150UTW14I	1/4" SqDr 30-150 In-Lbs TW	30-150	*				*			*					*	
30150UTW14I-CW	1/4" SqDr 30-150 In-Lbs TW w/Clock Wise Rotation	30-150	*				*					*			*	
30150UTW14I-LP	1/4" SqDr 30-150 In-Lbs TW	30-150	*				*				*				*	
30150UTW14I-NR	1/4" SqDr 30-150 In-Lbs TW w/Non-Ratcheting Head	30-150	*				*								*	
30150UTW38I	3/8" SqDr 30-150 In-Lbs TW	30-150	*					*		*					*	
30150UTW38I-CW	3/8" SqDr 30-150 In-Lbs TW w/Clock Wise Rotation	30-150	*					*				*			*	
30150UTW38I-LP	3/8" SqDr 30-150 In-Lbs TW	30-150	*					*			*				*	
30150UTW38I-NR	3/8" SqDr 30-150 In-Lbs TW w/Non-Ratcheting Head	30-150	*					*							*	

40-200 Working Range

40200TW38I

Made In the U.S.A.

Part Number	Description	Range/Scale					Square Drive			Tang/Lever Style				Drive Style		
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
40200TW120I	40-200 In-Lbs TW 1/2" Ratcheting Head	40-200	*													1/2" GW
40200TW13MI	40-200 In-Lbs TW 13MM Ratcheting Head	40-200	*													13MM GW
40200TW14I	1/4" SqDr 40-200 In-Lbs TW	40-200	*				*			*					*	
40200TW14I-LP	1/4" SqDr 40-200 In-Lbs TW Low-Profile Head	40-200	*				*				*				*	
40200TW14I-CW	1/4" SqDr 40-200 In-Lbs TW w/Clock Wise Rotation	40-200	*				*					*			*	
40200TW380I	40-200 In-Lbs TW 3/8" Ratcheting Head	40-200	*													3/8" GW
40200TW38I	3/8" SqDr 40-200 In-Lbs TW	40-200	*					*		*				*		
40200TW38I-CW	3/8" SqDr 40-200 In-Lbs TW w/Clock Wise Rotation	40-200	*					*				*		*		
40200TW38I-CWSD	3/8"SqDr 40-200 In-Lbs TW Short Drive w/Clock Wise Rotation	40-200	*					*				*		*		
40200TW38I-LP	3/8" SqDr 40-200 In-Lbs TW Low-Profile Head	40-200	*					*			*			*		
40200TW38I-LPSD	3/8"SqDr 40-200 In-Lbs TW Low-Profile Head w/Short Drive	40-200	*					*			*				*	
40200TW38I-SD	3/8" SqDr 40-200 In-Lbs TW Short Drive	40-200	*					*		*					*	
40200TW716I	40-200 In-Lbs TW 7/16" Ratcheting Head	40-200	*													7/16" GW

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

RATED 1000 VAC / 1500 VDC

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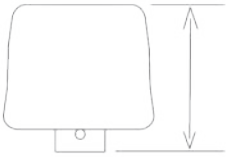
50-250 Working Range

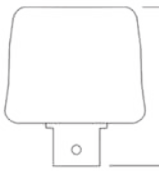


Clockwise Profile
Short Drive

1/4" Dr. = 1.10"
3/8" Dr. = 1.50"
1/2" Dr. = 1.80"

50250TW38I

50250TW38I-CWSD



Clockwise Profile
Cementex X-Drive®

1/4" Dr. = n/a
3/8" Dr. = 2.00"
1/2" Dr. = 2.50"

Part Number	Description	Range/Scale					Square Drive			Tang/Lever Style				Drive Style		
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
50250TW120I	50-250 In-Lbs TW 1/2" Ratcheting Head	50-250	*													1/2" GW
50250TW13MI	50-250 In-Lbs TW 13MM Ratcheting Head	50-250	*													13MM GW
50250TW380I	50-250 In-Lbs TW 3/8" Ratcheting Head	50-250	*													3/8" GW
50250TW38I	3/8" SqDr 50-250 In-Lbs TW	50-250	*					*		*				*		
50250TW38I-CW	3/8" SqDr 50-250 In-Lbs TW w/Clock Wise Rotation	50-250	*					*				*		*		
50250TW38I-CWSD	3/8"SqDr 50-250 In-Lbs TW Short Drive w/Clock Wise Rotation	50-250	*					*				*		*		
50250TW38I-LP	3/8" SqDr 50-250 In-Lbs TW Low-Profile Head	50-250	*					*			*			*		
50250TW38I-LPSD	3/8"SqDr 50-250 In-Lbs TW Low-Profile Head w/Short Drive	50-250	*					*			*				*	
50250TW38I-SD	3/8" SqDr 50-250 In-Lbs TW Short Drive	50-250	*					*		*					*	
50250TW716I	50-250 In-Lbs TW 7/16" Ratcheting Head	50-250	*													7/16" GW

150-750 Working Range

Made In the U.S.A.

150750TW38I

****NOTE: Load Point is indicated on sleeve, aka as "Boot", of Torque Wrench to easily identify where testing should occur**.*

Part Number	Description	Range/Scale					Square Drive			Tang/Lever Style				Drive Style		
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
150750TW12I-CW	1/2" SqDr 150-750 In-Lbs TW w/Clock Wise Rotation	150-750	*						*			*		*		
150750TW12I	1/2" SqDr 150-750 In-Lbs TW	150-750	*						*	*				*		
150750TW12I-LP	1/2" SqDr 150-750 In-Lbs TW Low-Profile Head	150-750	*						*		*			*		
150750TW12I-LPSD	1/2" SqDr 150-750 In-Lbs TW Low-Profile Head w/Short Drive	150-750	*						*		*				*	
150750TW12I-SD	1/2" SqDr 150-750 In-Lbs TW Short Drive	150-750	*						*	*					*	
150750TW12I-CWSD	1/2" SqDr 150-750 In-Lbs TW Short Drive w/Clock Wise Rotation	150-750	*						*			*			*	
150750TW38I	3/8" SqDr 150-750 In-Lbs TW	150-750	*					*		*				*		
150750TW38I-CW	3/8" SqDr 150-750 In-Lbs TW w/Clock Wise Rotation	150-750	*					*				*		*		
150750TW38I-CWSD	3/8" SqDr 150-750 In-Lbs TW Short Drive w/Clock Wise Rotation	150-750	*					*				*			*	
150750TW38I-SD	3/8" SqDr 150-750 In-Lbs TW Short Drive	150-750	*					*		*					*	
150750TW38I-LPSD	3/8" SqDr 150-750 In-Lbs TW Low-Profile Head w/Short Drive	150-750	*					*			*				*	
150750TW38I-LP	3/8" SqDr 150-750 In-Lbs TW Low-Profile Head	150-750	*					*			*			*		

Preset Torque Wrenches

Preset torque wrenches offer the ultimate convenience and effectiveness. No need for adjustments, its ready to go when you are. Be sure to indicate the setting that is required when ordering. If you don't see the preset option you require, contact your Cementex Dealer or Sales Representative for assistance.

PSTW38I-NR

Part Number	Description	Range/Scale					Square Drive			Tang/Lever Style				Drive Style		
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
PSTW120I	1/2" Ratcheting Head Preset In-Lb TW	For Preset	*			*										1/2" GW
PSTW13MI	13MM Ratcheting Head Preset In-Lb TW	For Preset	*			*										13MM GW
PSTW140I-NR	1/4" SqDr Preset In-Lb TW w/Non-Ratcheting Head	For Preset	*			*	*								*	
PSTW22MI	22MM Ratcheting Head Preset In-Lb TW	For Preset	*			*										22MM GW
PSTW380I	3/8" Ratcheting Head Preset In-Lb TW	For Preset	*			*										3/8" GW
PSTW716I	7/16 Ratcheting Head Preset In-Lb TW	For Preset	*			*										7/16" GW