

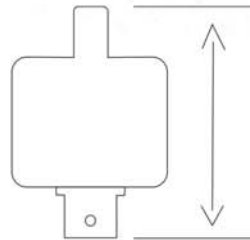
Ratchets: Square Drive Lever Control

Premium quality ratchets with a secret weapon. The Cementex "X-Drive" System available on our 3/8" and 1/2" square drive ratchets extends the drive of these ratchets to allow for direct connection of Insulated Sockets; eliminating the requirement of an extension bar, and allowing access to tight places. The large lever control makes adjustments easy even while wearing insulating gloves.

Ratchets	Square Drive			Profile		Tang Style	
	1/4"	3/8"	1/2"	Standard	Low	X Drive	Short
IR14-LC	*			*		*	*
IR14-LCS	*			*			*
IR14-LCLP	*				*		*
IR38-LC		*		*		*	
IR38-LCS		*		*		*	
IR38-LCLP		*			*	*	
IR38-LCSD		*		*			*
IR38-LCLPSD		*			*		*
IR12-LC			*	*		*	
IR12-LCS			*	*		*	
IR12-LCLP			*		*	*	
IR12-LCSD			*	*			*
IR12-LCLPSD			*		*		*

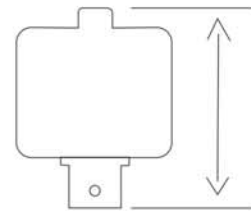


**IR38-LC
and
IR38-LCS**



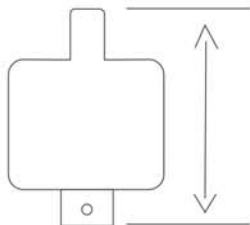
**Standard Profile
Cementex X-Drive**

1/4" Dr. = n/a
3/8" Dr. = 2.60"
1/2" Dr. = 2.90"
30250TW 3/8" Dr. = 2.60"



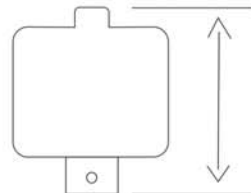
**Low Profile
Cementex X-Drive**

1/4" Dr. = n/a
3/8" Dr. = 2.60"
1/2" Dr. = 2.90"
30250TW 3/8" Dr. = 2.30"



**Regular Profile
Short Drive**

1/4" Dr. = 1.83"
3/8" Dr. = 2.20"
1/2" Dr. = n/a
30150TW 1/4" Dr. = 1.90"
30150TW 3/8" Dr. = 2.08"



**Low Profile
Short Drive**

1/4" Dr. = 1.48"
3/8" Dr. = 1.85"
1/2" Dr. = n/a
30150TW 1/4" Dr. = 1.56"
30150TW 3/8" Dr. = 1.68"

Single End Ratcheting Box Wrenches



Full polish finish provides corrosion resistance and an easy-to-clean surface, while built in retaining ring in each ratchet wheel adds speed and convenience for great accessibility. Shorter length for access to confined workspaces. The wrench self-aligns with the fastener.

Offset Wrenches

45° offset for greater access to confined workspaces.

PN _____ DESC_

ROBWSE-08..... 1/4"
ROBWSE-10..... 5/16"
ROBWSE-12..... 3/8"
ROBWSE-14..... 7/16"
ROBWSE-16..... 1/2"
ROBWSE-18..... 9/16"
ROBWSE-20..... 5/8"
ROBWSE-22..... 11/16"
ROBWSE-24..... 3/4"
ROBWSE-28..... 7/8"



ROBWSE-24

Straight Wrenches

PN _____ DESC_

ROBWSE-08..... 1/4"
ROBWSE-10..... 5/16"
ROBWSE-12..... 3/8"
ROBWSE-14..... 7/16"
ROBWSE-16..... 1/2"
ROBWSE-18..... 9/16"
ROBWSE-20..... 5/8"
ROBWSE-22..... 11/16"
ROBWSE-24..... 3/4"
ROBWSE-28..... 7/8"



ROBWSE-28

One Hander Wrench



One Hand Wrenches feature a strong, forged steel, one-piece handle. Spring-loaded jaws grip any shape: meter nuts, round pipe, or parts of fittings without adjustment. One Hand Wrenches work like a pipe wrench and provide better grip than pliers due to the jaws and tooth direction. Securely and immediately tighten and loosen without removing the wrench from pipe.

***NOT A VOLTAGE RATED TOOL**

PN _____ DESC_

OHW-08... 8"
OHW-10..... 10"
OHW-12..... 12"



OHW-10

Pipe Wrenches



- Oh Yes - We even have these
- Premium quality Rothenberger base tool with bump protection

***NOT A VOLTAGE RATED TOOL**

PN _____ DESC_

8PW..... 8"
10PW..... 10"
12PW..... 12"



12PW

Ratcheting Wrenches



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

Ratcheting Box End Wrenches



The secure hold and size benefits of the Cementex Box End Wrenches with the added features of a ratcheting head. Precision ratcheting head is guaranteed to withstand your heavy work load while saving valuable time.

- Classic design slightly larger than a standard box end wrench
- Slender head allows access to tight locations
- Wide range of sizes and length
- Reverse direction by flipping sides
- Cementex double layer insulation system utilizing superior material and processes to provide the safest insulated tools.



IGRBWS-8



IGRBWS-11

IGW-24

PN_____DESC_	PN_____DESC_
IGW-08..... 1/4"	IGW-06M.....6mm
IGW-10..... 5/16"	IGW-07M..... 7mm
IGW-12..... 3/8"	IGW-08M..... 8mm
IGW-14..... 7/16"	IGW-09M.....9mm
IGW-16..... 1/2"	IGW-10M.....10mm
IGW-18..... 9/16"	IGW-11M.....11mm
IGW-20..... 5/8"	IGW-12M.....12mm
IGW-22..... 11/16"	IGW-13M.....13mm
IGW-24..... 3/4"	IGW-14M.....14mm
IGW-26..... 13/16"	IGW-15M.....15mm
IGW-28..... 7/8"	IGW-16M.....16mm
IGW-30..... 15/16"	IGW-17M.....17mm
IGW-32..... 1"	IGW-18M.....18mm
IGW-34..... 1-1/16"	IGW-19M.....19mm
IGW-36..... 1-1/8"	IGW-20M.....20mm
IGW-40..... 1-1/4"	IGW-21M.....21mm
	IGW-22M.....22mm
	IGW-23M.....23mm
	IGW-24M.....24mm
	IGW-25M.....25mm
	IGW-27M.....27mm
	IGW-30M.....30mm
	IGW-32M.....32mm

Ratcheting Box End Wrench Sets

PN	DESC																	
IGRBWS-8.....	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"									Wrench Roll Pouch 8	
IGRBWS-9.....	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"									Wrench Roll Pouch 8
IGRBWS-11.....	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"	1"						Wrench Roll Pouch 11	
IGRBWS-13.....	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"	1"				Wrench Roll Pouch 13	
IGRBWS-16.....	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"	1"	1-1/16"	1-1/8"	1-1/4"	Wrench Roll Pouch 13	
IGRBWS-8M.....		10	11	12		14		16		18	19	20					Wrench Roll Pouch 8	
IGRBWS-11M.....		9	10	11	12	13	14	15	16	17	18	19					Wrench Roll Pouch 11	
IGRBWS-15M.....	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21			Wrench Roll Pouch 13

- Classic design perfected over time
- Slender head allows access to tight locations
- Wide range of sizes and length
- Cementex double layer insulation system utilizing superior material and processes to provide the safest insulated tools.

BEW-06..... 3/6"
BEW-08..... 1/4"
BEW-10..... 5/16"
BEW-12..... 3/8"
BEW-120S... 3/8" Offset
BEW-14..... 7/16"
BEW-16..... 1/2"
BEW-160S... 1/2" Offset
BEW-18..... 9/16"
BEW-20..... 5/8"
BEW-200S.. 5/8" Offset
BEW-22..... 11/16"
BEW-24..... 3/4"
BEW-240S.. 3/4" Offset
BEW-26..... 13/16"
BEW-28..... 7/8"
BEW-280S.. 7/8" Offset
BEW-30..... 15/16"
BEW-32..... 1"
BEW-34..... 1-1/16"
BEW-36..... 1-1/8"
BEW-38..... 1-3/16"
BEW-40..... 1-1/4"
BEW-42..... 1-5/16"
BEW-44..... 1-3/8"
BEW-46..... 1-7/16"
BEW-48..... 1-1/2"
BEW-52..... 1-5/8"
BEW-54..... 1-11/16"
BEW-56..... 1-3/4"
BEW-58..... 1-13/16"
BEW-60..... 1-7/8"
BEW-64..... 2"



BEW-06M..... 6mm
BEW-07M..... 7mm
BEW-08M..... 8mm
BEW-09M..... 9mm
BEW-10M..... 10mm
BEW-11M..... 11mm
BEW-12M..... 12mm
BEW-13M..... 13mm
BEW-14M..... 14mm
BEW-15M..... 15mm
BEW-16M..... 16mm
BEW-17M..... 17mm
BEW-18M..... 18mm
BEW-19M..... 19mm
BEW-19MOS.. 19mm Offset
BEW-20M..... 20mm
BEW-21M..... 21mm
BEW-22M..... 22mm
BEW-23M..... 23mm
BEW-24M..... 24mm
BEW-25M..... 25mm
BEW-26M..... 26mm
BEW-27M..... 27mm
BEW-28M..... 28mm
BEW-29M..... 29mm
BEW-30M..... 30mm
BEW-32M..... 32mm

**BEW-20****IBEWS-13****IBEWS-13M**

Box End Wrench Sets

[illegible]

IBEWS-8.....	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"									Wrench Roll Pouch 8	
IBEWS-9-1434.....1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"									Wrench Roll Pouch 8	
IBEWS-11.....	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"	1"				Wrench Roll Pouch 11			
IBEWS-13.....1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"	1"				Wrench Roll Pouch 13		
IBEWS-14.....	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"	1"	1-1/16"	1-1/8"	1-1/4"	Wrench Roll Pouch 13			
IBEWS-6M.....mm			10	12	13	14	15	17									Wrench Roll Pouch 8	
IBEWS-8M.....mm			10	12	13	14	15	16	18	19						Wrench Roll Pouch 8		
IBEWS-10M-0716.....mm	7	8	9	10	11	12	13	14	15	16						Wrench Roll Pouch 11		
IBEWS-11M.....mm			10	11	12	13	14	15	17	19	22	24	27			Wrench Roll Pouch 11		
IBEWS-13M.....mm	7	8	9	10	11	12	13	14	15	16	17	18	19			Wrench Roll Pouch 13		
IBEWS-17M.....mm	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Wrench Roll Pouch 8

Extension Bars

No shortage of options here: Flared, Fiberglass, Flexible, Magnetized, Wobble. With Cementex extension bars you are never out of reach. Don't see what you're looking for? Let us know. Custom lengths and configurations available.



IB14-5F

IB38-3F



IB38-6



FX12-12



Wobble Extension Bars



IB38-8F

PN ____ 1/4" Drive ____

IB14-2..... 2"

IB14-3..... 3"

IB14-6..... 6"

IB14-10..... 10"

IB14-14..... 14"

*all 1/4" SqDr extensions are flared as shown

PN ____ 3/8" Drive ____

IB38-1.5..... 1-1/2"

IB38-3..... 3"

IB38-3F..... 3" Flared

FX38-3..... 3" Fiberglass

IB38-5..... 5"

IB38-6..... 6"

IB38-6F..... 6" Flared

IB38-6MAG... 6" With Magnet

IB38-6W..... 6" Wobble

FX38-6..... 6" Fiberglass

FX38-7..... 7" Fiberglass

IB38-8..... 8"

IB38-8F..... 8" Flexible

IB38-8W..... 8" Wobble

FX38-8..... 8" Fiberglass

IB38-10..... 10"

IB38-12..... 12"

IB38-12F..... 12" Flared

FX38-12..... 12" Fiberglass

IB38-20..... 20"

IB38-20F..... 20" Flared

PN ____ 1/2" Drive ____

IB12-2..... 2"

IB12-2F... 2" Flared

FX12-3.... 3" Fiberglass

IB12-5..... 5"

IB12-5F... 5" Flared

FX12-5.... 5" Fiberglass

FX12-6.... 6" Fiberglass

FX12-8.... 8" Fiberglass

IB12-10.... 10"

IB12-10F.. 10" Flared

FX12-12... 12" Fiberglass

IB12014... 14"

FX12-14... 14" Fiberglass

IB12-20... 20"

FX12-20... 20" Fiberglass

FX12-24... 24" Fiberglass

FX12-30... 30" Fiberglass

PN ____ 3/4" Drive ____

FX34-6... 6" Fiberglass

Wobble / Fixed Extension Bars

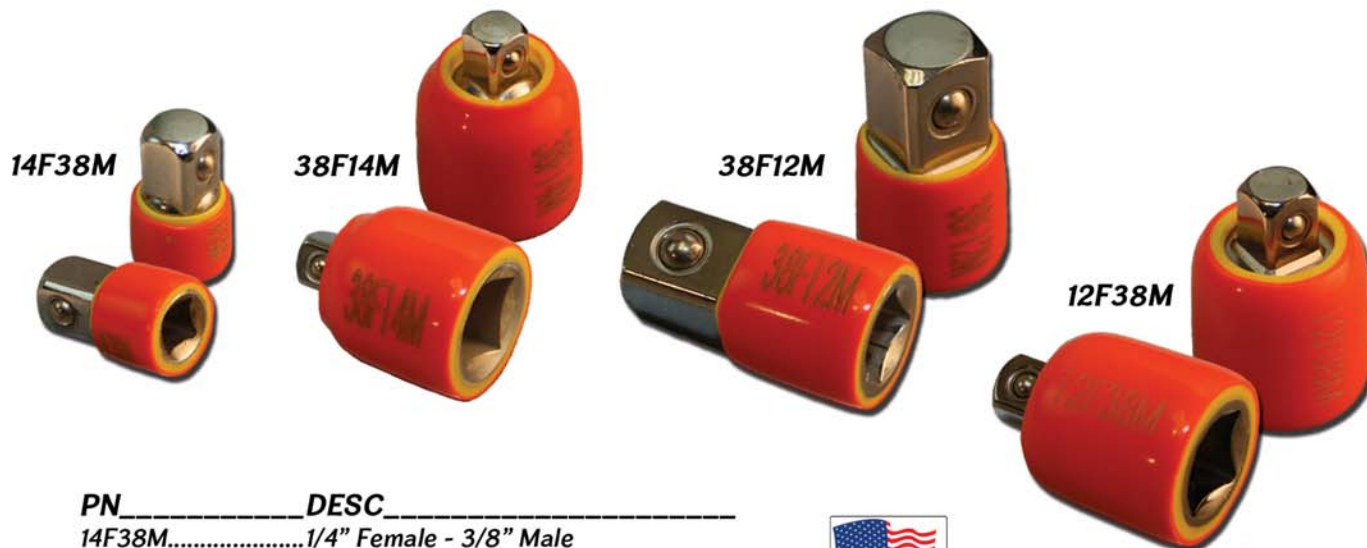
The New Wobble / Fixed Extension Bars from Cementex provide the best of both worlds. The convenience and improved access to unique locations that is achieved with a wobble, plus the improved torque provided by a fixed Extension Bar; all in one.

PN	DESC
IB14-3WF.....	1/4" Drive - 3" Wobble / Fixed Extension Bar
IB14-6WF.....	1/4" Drive - 6" Wobble / Fixed Extension Bar
IB38-3WF.....	3/8" Drive - 3" Wobble / Fixed Extension Bar
IB38-6WF.....	3/8" Drive - 6" Wobble / Fixed Extension Bar
IB12-6WF.....	1/2" Drive - 6" Wobble / Fixed Extension Bar



Extension Bars/Socket Adapters

Socket Adapters



PN	DESC
14F38M.....	1/4" Female - 3/8" Male
14F38M W/W.....	1/4" Female - 3/8" Male with Washer
38F14M.....	3/8" Female - 1/4" Male
38F14M W/W.....	3/8" Female - 1/4" Male with Washer
38F14M-6.....	3/8" Female - 1/4" Male 6" Length
38F12M.....	3/8" Female - 1/2" Male
38F12M W/W.....	3/8" Female - 1/2" Male with Washer
12F38M.....	1/2" Female - 3/8" Male
12F38M W/BOOT....	1/2" Female - 3/8" Male with Boot
12F38ML.....	1/2" Female - 3/8" Male Extender
12F34M.....	1/2" Female - 3/4" Male
34F12M.....	3/4" Female - 2-1/4" Male



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

Part Number	Range / Scale					Square Drive			Profile				Tang / Alternate Head		
	Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
30150TW14I	30-150	*				*			*					*	
30150TW14I-LP	30-150	*				*				*				*	
30150TW14I-CW	30-150	*				*					*			*	
30150TW14I-NR	30-150	*				*								*	
30150TW38I	30-150	*					*		*					*	
30150TW38I-LP	30-150	*					*			*				*	
30150TW38I-CW	30-150	*					*				*			*	
30150TW38I-NR	30-150	*					*							*	
30150TW38F	30-150		*				*		*					*	
30150TW38F-LP	30-150		*				*			*				*	
30150TW38F-CW	30-150		*				*				*			*	
40200TWS014I	40-200	*					*			*					
40200TW38I	40-200	*					*		*				*		
40200TW38I-SD	40-200	*					*		*					*	
40200TW38I-LP	40-200	*					*			*			*		
40200TW38I-LPSD	40-200	*					*			*				*	
40200TW38I-CW	40-200	*					*				*		*		
40200TW38I-CWSD	40-200	*					*				*			*	
50250TW38I	50-250	*					*		*				*		
50250TW38I-SD	50-250	*					*			*				*	
50250TW38I-LP	50-250	*					*			*			*		
50250TW38I-CW	50-250	*					*				*		*		
1050TW14I	10-50	*				*			*						
1050TW38NM	10-50			*			*		*				*		
1050TW38NM-SD	10-50			*			*			*				*	
1050TW38NM-LP	10-50			*			*			*			*		
1050TW38NM-CW	10-50			*			*				*		*		
575TW38F	5-75		*				*		*				*		
575TW38F-SD	5-75		*				*			*				*	
575TW38F-LP	5-75		*				*			*			*		
575TW38F-CW	5-75		*				*				*		*		
1575TW38F	15-75		*				*		*				*		
1575TW38F-SD	15-75		*				*			*				*	
1575TW38F-LP	15-75		*				*			*			*		
1575TW38F-CW	15-75		*				*				*		*		
150750TW12I	150-750	*					*		*				*		
150750TW12I-SD	150-750	*					*			*				*	
150750TW12I-LP	150-750	*					*			*			*		
150750TW12I-CW	150-750	*					*				*		*		
25250TW12F	25-250		*				*		*				*		
25250TW12F-SD	25-250		*				*			*				*	
25250TW12F-LP	25-250		*				*			*			*		
25250TW12F-CW	25-250		*				*				*		*		
30150TW12F	50-250		*				*		*				*		
30150TW12F-SD	50-250		*				*			*				*	
30150TW12F-LP	50-250		*				*			*			*		
30150TW12F-CW	50-250		*				*				*		*		
1050TW38NM	10-50			*			*		*				*		
1050TW38NM-SD	10-50			*			*			*				*	
1050TW38NM-LP	10-50			*			*			*			*		
1050TW38NM-CW	10-50			*			*				*		*		
125TW380I	125				*										*
125TW716I	125				*										*
125TW120I	125				*										*
125TW10MI	125				*										*
125TW13MI	125				*										*