

Anchor Tools

Expanding & Tamping Bar

This tool simplifies the job of expanding anchors. This tool is also effectively used for tamping in soil above the installed anchor.



Catalog No.	Length	Weight
C302-0003	10'	22 lb.
C302-0004	12'	24 lb.

Standard Pulling Eyes

This tool provides a large offset eye to accommodate three-ton chain hoist hooks, and leaves the anchor eye free with plenty of clearances for attaching formed wire grips.



Catalog No.	Weight
E-96	5 lb.

No-Wrench Power Installation Tool

Designed for use with the portable anchor installer. This tool bolts directly to the installer's output flange or appropriate Kelly bar adapter. Adjustable pivot plates accept rods from 3/4" to 1-1/4" diameter. Through-pin with retainer clip passes through the eye nut.



Catalog No.	Weight
E303-0255	9 lb.

For Installing SS or RR Anchors

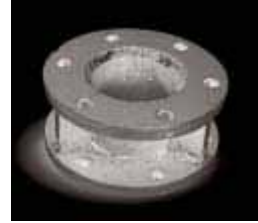
See chart to the right.



Bolt Circle Adapter

(For torques up to 10,000 ft-lb.)

These adapters are used to connect two tools having incompatible bolt circles.



Catalog No.	Description	Weight, Ea.
C303-0115	Bolt Circle adapter with two 1/2" x 5 1/4" bolt circles.	11 lbs.
T303-0166	Bolt circle adapter with one 1/2" x 5 1/4" bolt circle and one 5/8" x 7 5/8" bolt circle.	11 lbs.

For Installing SS or RR Anchors

These Drive tools require the appropriate Kelly bar adapter, sold separately. Each comes with bolts, nuts and lockwashers.



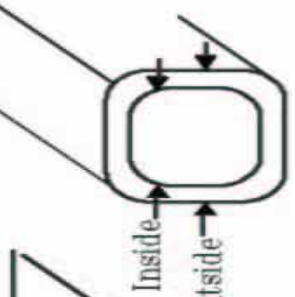
Catalog No.	Description	Bolt Circle	Approx. Wt.
639001	SS5/SS150 RR Drive Tool	(6) 1/2" holes on 5 1/4" B.C.	7 lbs.
C303-0195	SS175 Drive Tool	(12) 5/8" holes on 7 5/8" B.C.	18 lbs.
C303-0201	SS200 Drive Tool	(12) 5/8" holes on 7 5/8" B.C.	30 lbs.
C303-0202	SS225 Drive Tool	(12) 5/8" holes on 7 5/8" B.C.	30 lbs.

For Installing SS or RR Anchors

Pictured to the left.

Catalog No.	Description	Notes	Approx. Wt.
C303-0020	SS5/SS150 RR Drive Tool		8 lbs.
C303-1035		Adapts to Tough One Tooling	11 lbs.
T303-1403	SS175 Drive Tool	Adapts to Tough One Tooling - Locking Dog Assembly C303-0981	26 lbs.
C303-1077	SS200 Drive Tool		23 lbs.

How To Match Anchors And Installing Wrenches



Inside
Outside

Inside and outside dimensions correspond to the color coded end of installing wrench.

Anchor Type	Anchor Illustration	Installing Wrench		Length (ft.)	Maximum Installing Torque Rating (ft-lbs)	Outside Dim. (Inches)	Inside Dim. (Inches)	Color
		Catalog Number	Length (ft.)					
PISA® 6 Anchor (formerly PISA® 5 Anchor)								Yellow
PISA® 7 Anchor								Yellow
Standard-strength PISA® Anchor								Orange
Mid-strength PISA® Anchor								Orange
C102-52XX Series Tough ONE® Anchor								Orange
C102-52XX Series Tough ONE® Anchor - Small Hub								Orange
C102-52XX Series Tough ONE® Anchor - Large Hub								Orange
C102-50XX Series Tough ONE® Anchor								Yellow
C102-50XX Series Tough ONE® Anchor - Small Hub								Yellow
C102-50XX Series Tough ONE® Anchor - Large Hub								Yellow
C102-50XX Series Tough ONE® Anchor								Red
C102-50XX Series Tough ONE® Anchor - Small Hub								Red
C102-50XX Series Tough ONE® Anchor - Large Hub								Red
C102-50XX Series Tough ONE® Anchor								Orange
C102-50XX Series Tough ONE® Anchor - Small Hub								Orange
C102-50XX Series Tough ONE® Anchor - Large Hub								Orange

*C102-1583 7' 10,000 2.16 1.46 Orange

*C102-1595 3½' 10,000 2.16 1.46 Orange

*C303-1064 7' 10,000 2.44 1.54 Yellow

*C303-1063 3½' 10,000 2.44 1.54 Yellow

**C303-0983 7' 15,000 2.44 1.54 Red

**C303-0982 3½' 15,000 2.44 1.54 Red

Anchor Torque Rating (ft.-lb)

15,000

8,000

10,000

8,000

6,000

4,000

7,000

6,000

*Fils Standard Locking Dog Assembly CC303-0069HD

** Fils TOUGH ONE Locking Dog Assembly CC303-0981

Power-Installed Screw Anchor Tooling System

Remove the auger from the digger and select the Kelly bar adapter by matching the shape of the Kelly bar along with the "X" dimension (flat to flat on end of Kelly bar) and the "Y" dimension (end of Kelly bar to center hole for bent arm pin). Match the shape and "X" and "Y" dimensions with the chart provided below.

Kelly Bar Adapter With Bent Arm Pin (5-1/4" Bolt Circle)

Catalog No.	Kelly Bar Shape	Dimension-X	Dimension-Y	Dimension-Z
P630017	Square	2 1/2"	2 1/4"	3 1/2"
P630016	Square	2 1/4"	2 1/4"	3 1/2"
P630013	Hex	2"	5"	6 1/8"
P630012HD	Hex	2 5/8"	4 1/4"	8 1/8"
P630011HD	Hex	2 1/2"	4 1/4"	8 1/8"

Locking Dog Assembly

Catalog No.	Description	Weight Ea.
C303-0069HD	Complete Heavy Duty Locking Dog Assembly	20 lbs.
C303-0070	Locking Dog Replacement Kit Includes parts necessary to replace both lock dogs.	4 lbs.

7-Ft. Drive-End Wrench

Catalog No.	Description	Weight Ea.
C102-1583	For 1 3/8" Core Anchors. Installs 8,000 ft.-lb. anchors, 10,000 ft.-lb anchors, Standard Strength and Mid-Strength anchors	57 lbs.
C303-1064	For 1 3/8" Core Anchors. Installs PISA 6&7 anchors & 8,000 ft.-lb anchors.	64 lbs.

3 1/2"-Ft. Drive-End Wrench

Catalog No.	Description	Weight Ea.
C102-1595	For 1 3/8" Core Anchors. Installs 8,000 ft.-lb anchors, 10,000 ft.-lb anchors, standard and mid-strength anchors.	29 lbs.
C303-1063	For 1 1/2" Core anchors. Installs PISA 6&7 anchors and 8,000 ft.-lb anchors.	28 lbs.

Extension Wrench for Drive-End Wrenches

Catalog No.	Description	Weight
C630027	3 1/2" Extension	42 lbs.
C630028	7" Extension	70 lbs.

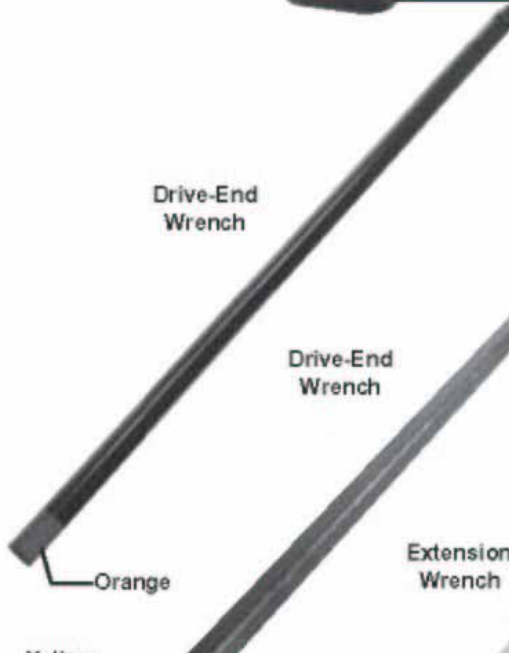
STANDARD Kelly Bar Adapter



STANDARD Locking Dog Assembly

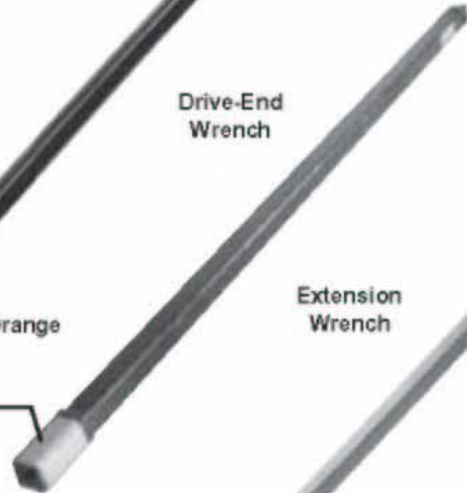


Drive-End Wrench



Drive-End Wrench

Yellow



Extension Wrench



Tough One Anchors Installing Wrench System (For installing torques up to 15,000 ft.-lb.)

Select the correct Kelly Bar Adapter.

1. Remove the auger from the digger and carefully measure the "X" and "Y" dimensions of the Kelly bar. (See illustration to the right)
2. Match the shape of the Kelly Bar and the "X" and "Y" dimensions with the Kelly bar adapter chart provided below.

Kelly Bar Adapter with Bent Arm Pin (7.625" Bolt Circle)

Catalog No.	Kelly Bar Shape	Dimension "X"	Dimension "Y"	Bent Arm Pin Cat. No./Incl.
C303-0936	Hex	2 1/2"	4 1/4"	C303-1223
C303-0937	Hex	2 5/8"	4 1/4"	C303-1223
C303-0940	Hex	3"	3 1/2"	C303-1222
C303-0955	Square	2 1/2"	2 1/4"	C303-1227
C303-0958	Square	3"	3 1/2" & 2 1/16"	C303-1227

Mechanical Torque Indicator

Catalog No.	Description	Weight, Ea.
C303-1340	Torque Indicator adaptable to 5 1/4" B.C. or 7 5/8" B.C.	65 lbs.

Locking Dog Assembly (7 5/8" Bolt Circle)

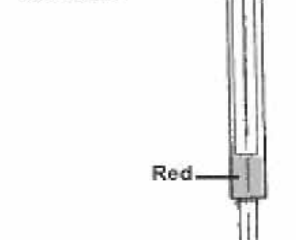
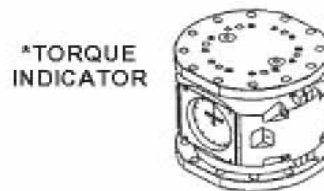
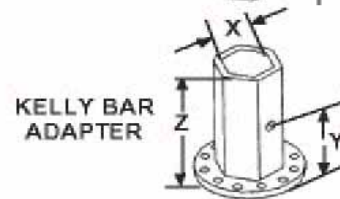
Catalog No.	Description	Weight, Ea.
C303-0981	Complete Locking Dog Assembly	28 lbs.
C303-1026	Locking Dog Replacement Kit Includes all parts less casting	5 lbs.

Drive-End Wrenches

Catalog No.	Length	Description	Weight, Ea.
C303-0982	3 1/2"	Fits Tough One, 1 1/2" Core Anchors	36
C303-0983	7'		73

Extension Assemblies For Tough One Drive Wrench

Catalog No.	Length	Description	Weight, Ea.
C303-0987	3 1/2"	Extension attaches to drive-end wrench when additional depth is required.	53
C303-0988	7'		89



String System.