

# DIGGER DERRICK AUGERS & TOOLS



 **TEREX**®

**WORKS FOR YOU.™**

# TXD (Dirt) Series

## Specifications:

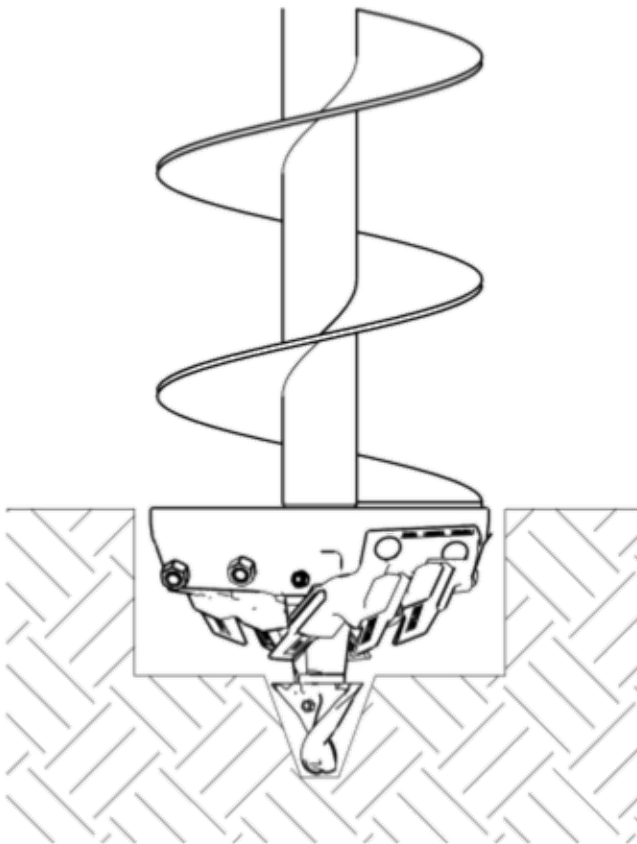
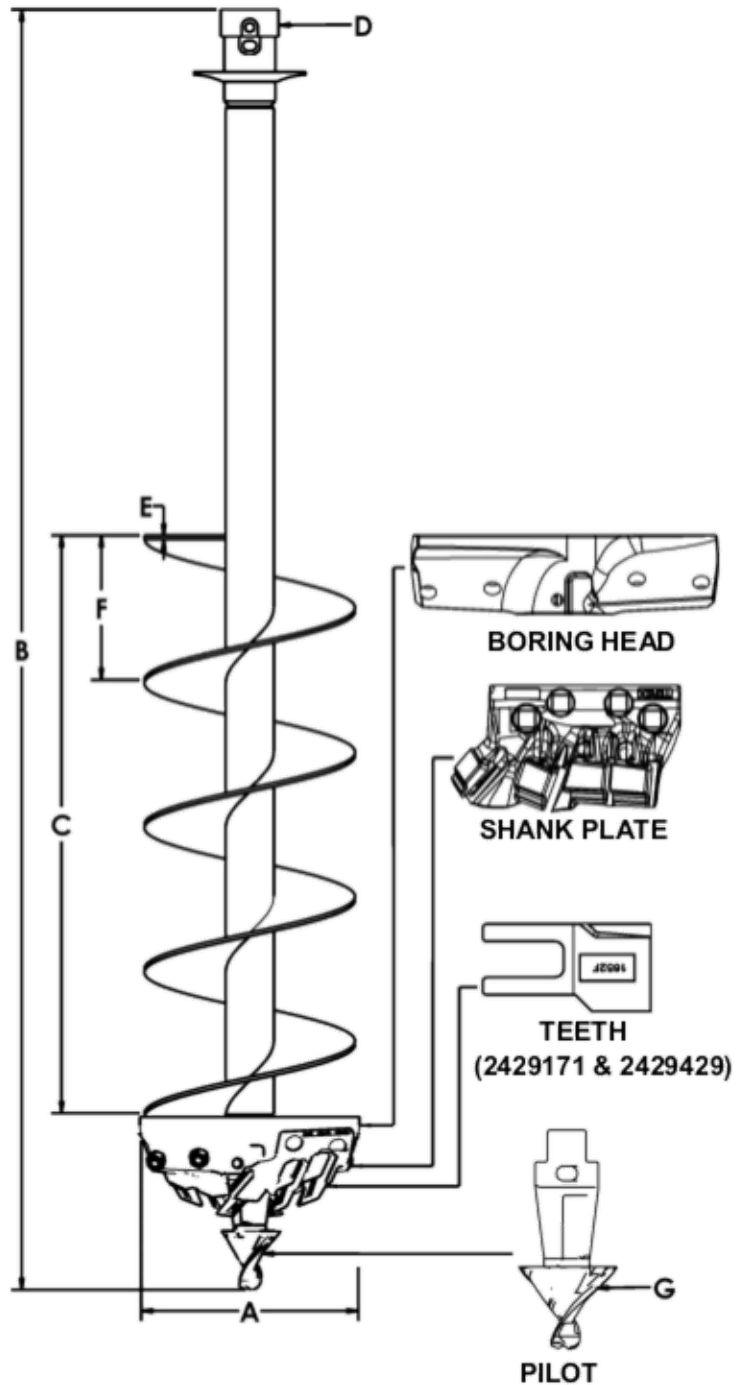
This series of Augers has a bolt on shank plate design. Standard flighting on Terex® Texoma™ TXD Series digger derrick augers are as follows:

- 5/16" thick for 30" diameter and smaller
- 1/2" thick for diameter larger than 30"

Standard components are TX50 (PN 2429171) and TX52 (PN 2429429) teeth and TX205 (PN 2429168) pilot bit.

## Application:

Terex® Texoma TXD Series digger derrick dirt augers are manufactured to improve the drilling performance of digger derricks, for loose and compacted soils, stiff clays and soft shale. The optional TX50D pilot bit (PN 2429167) greatly increases the performance of the TXD Series auger.



OPTIONAL BIT  
#2429167

NOTE: Graphics are for reference only.

## TXD (Dirt) Series

PART NO.	A		B		C		D		E		F		G
	DIAMETER		AUGER LENGTH		FLIGHT LENGTH		HEX SIZE		FLIGHT THICKNESS		FLIGHT PITCH		
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	PILOT BIT
65355788TU	9	229	104	2642	52	1321	2.00	51	0.31	8	9	229	2429168
65355789TU	9	229	104	2642	52	1321	2.50	64	0.31	8	9	229	2429168
65355790TU	9	229	104	2642	52	1321	2.62	67	0.31	8	9	229	2429168
65355791TU	10	254	104	2642	52	1321	2.00	51	0.31	8	9	229	2429168
65355792TU	10	254	104	2642	52	1321	2.50	64	0.31	8	9	229	2429168
65355793TU	10	254	104	2642	52	1321	2.62	67	0.31	8	9	229	2429168
65355798TU	12	305	104	2642	52	1321	2.00	51	0.31	8	9	229	2429168
65355799TU	12	305	104	2642	52	1321	2.50	64	0.31	8	9	229	2429168
65355800TU	12	305	104	2642	52	1321	2.62	67	0.31	8	9	229	2429168
65355803TU	12	305	104	2642	60	1524	2.62	67	0.31	8	9	229	2429168
65355806TU	14	356	104	2642	52	1321	2.00	51	0.31	8	10	254	2429168
65355807TU	14	356	104	2642	52	1321	2.50	64	0.31	8	10	254	2429168
65355808TU	14	356	104	2642	52	1321	2.62	67	0.31	8	10	254	2429168
65355814TU	16	406	104	2642	48	1219	2.00	51	0.31	8	12	305	2429168
65355815TU	16	406	104	2642	48	1219	2.50	64	0.31	8	12	305	2429168
65355816TU	16	406	104	2642	48	1219	2.62	67	0.31	8	12	305	2429168
65355817TU	16	406	104	2642	60	1524	2.00	51	0.31	8	12	305	2429168
65355818TU	16	406	104	2642	60	1524	2.50	64	0.31	8	12	305	2429168
65355819TU	16	406	104	2642	60	1524	2.62	67	0.31	8	12	305	2429168
65355821TU	18	457	104	2642	48	1219	2.00	51	0.31	8	12	305	2429168
65355822TU	18	457	104	2642	48	1219	2.50	64	0.31	8	12	305	2429168
65355823TU	18	457	104	2642	48	1219	2.62	67	0.31	8	12	305	2429168
65355827TU	18	457	104	2642	60	1524	2.50	64	0.31	8	12	305	2429168
65355828TU	18	457	104	2642	60	1524	2.62	67	0.31	8	12	305	2429168
65355976TU	18	457	104	2642	60	1524	2.62	67	0.31	8	12	305	2429168
65355826TU	18	457	104	2642	60	1524	2.00	51	0.31	8	12	305	2429168
65355832TU	20	508	104	2642	48	1219	2.00	51	0.31	8	15	381	2429168
65355833TU	20	508	104	2642	48	1219	2.50	64	0.31	8	15	381	2429168
65355834TU	20	508	104	2642	48	1219	2.62	67	0.31	8	15	381	2429168
65355836TU	20	508	104	2642	60	1524	2.50	64	0.31	8	15	381	2429168
65355837TU	20	508	104	2642	60	1524	2.62	67	0.31	8	15	381	2429168

Custom Options Available Upon Request

- Pitch
- Diameter
- Chart dimensions are nominal and will vary slightly based on material specification & manufacturing tolerances.

Table Continued on next page

## TXD (Dirt) Series

PART NO.	A		B		C		D		E		F		G
	DIAMETER		AUGER LENGTH		FLIGHT LENGTH		HEX SIZE		FLIGHT THICKNESS		FLIGHT PITCH		
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
65355855TU	24	610	104	2642	48	1219	2.00	51	0.31	8	15	381	2429168
65355856TU	24	610	104	2642	48	1219	2.50	64	0.31	8	15	381	2429168
65355857TU	24	610	104	2642	48	1219	2.62	67	0.31	8	15	381	2429168
65355858TU	24	610	104	2642	60	1524	2.00	51	0.31	8	15	381	2429168
65355859TU	24	610	104	2642	60	1524	2.50	64	0.31	8	15	381	2429168
65355860TU	24	610	104	2642	60	1524	2.62	67	0.31	8	15	381	2429168
65355982TU	24	610	128	3251	60	1524	2.62	67	0.31	8	15	381	2429168
65355866TU	30	762	104	2642	40	1016	2.00	51	0.31	8	18	457	2429168
65355867TU	30	762	104	2642	40	1016	2.50	64	0.31	8	18	457	2429168
65355868TU	30	762	104	2642	40	1016	2.62	67	0.31	8	18	457	2429168
65355870TU	30	762	104	2642	52	1321	2.50	64	0.31	8	18	457	2429168
65355871TU	30	762	104	2642	52	1321	2.62	67	0.31	8	18	457	2429168
65356025TU	30	762	128	3251	52	1321	2.62	67	0.31	8	18	457	2429168
65355876TU	36	914	104	2642	40	1016	2.00	51	0.50	13	18	457	2429168
65355877TU	36	914	104	2642	40	1016	2.50	64	0.50	13	18	457	2429168
65355878TU	36	914	104	2642	40	1016	2.62	67	0.50	13	18	457	2429168
65355881TU	36	914	104	2642	52	1321	2.50	64	0.50	13	18	457	2429168
65355882TU	36	914	104	2642	52	1321	2.62	67	0.50	13	20	508	2429168
65355885TU	42	1067	104	2642	48	1219	2.62	67	0.50	13	20	508	2429168
65355884TU	42	1067	104	2642	48	1219	2.50	64	0.50	13	20	508	2429168
65355886TU	42	1067	104	2642	60	1524	2.50	64	0.50	13	20	508	2429168
65355887TU	42	1067	104	2642	60	1524	2.62	67	0.50	13	20	508	2429168
65355483TU	48	1219	104	2642	48	1219	2.62	67	0.50	13	24	610	2429168
65355482TU	48	1219	104	2642	48	1219	2.50	64	0.50	13	24	610	2429168
65355470TU	48	1219	104	2642	60	1524	2.50	64	0.50	13	24	610	2429168
65355471TU	48	1219	104	2642	60	1524	2.62	67	0.50	13	24	610	2429168

Custom Options Available Upon Request

- Pitch
- Diameter
- Chart dimensions are nominal and will vary slightly based on material specification & manufacturing tolerances.



NOTE: Graphics are for reference only.

# TXC (Carbide) Series

## Specifications:

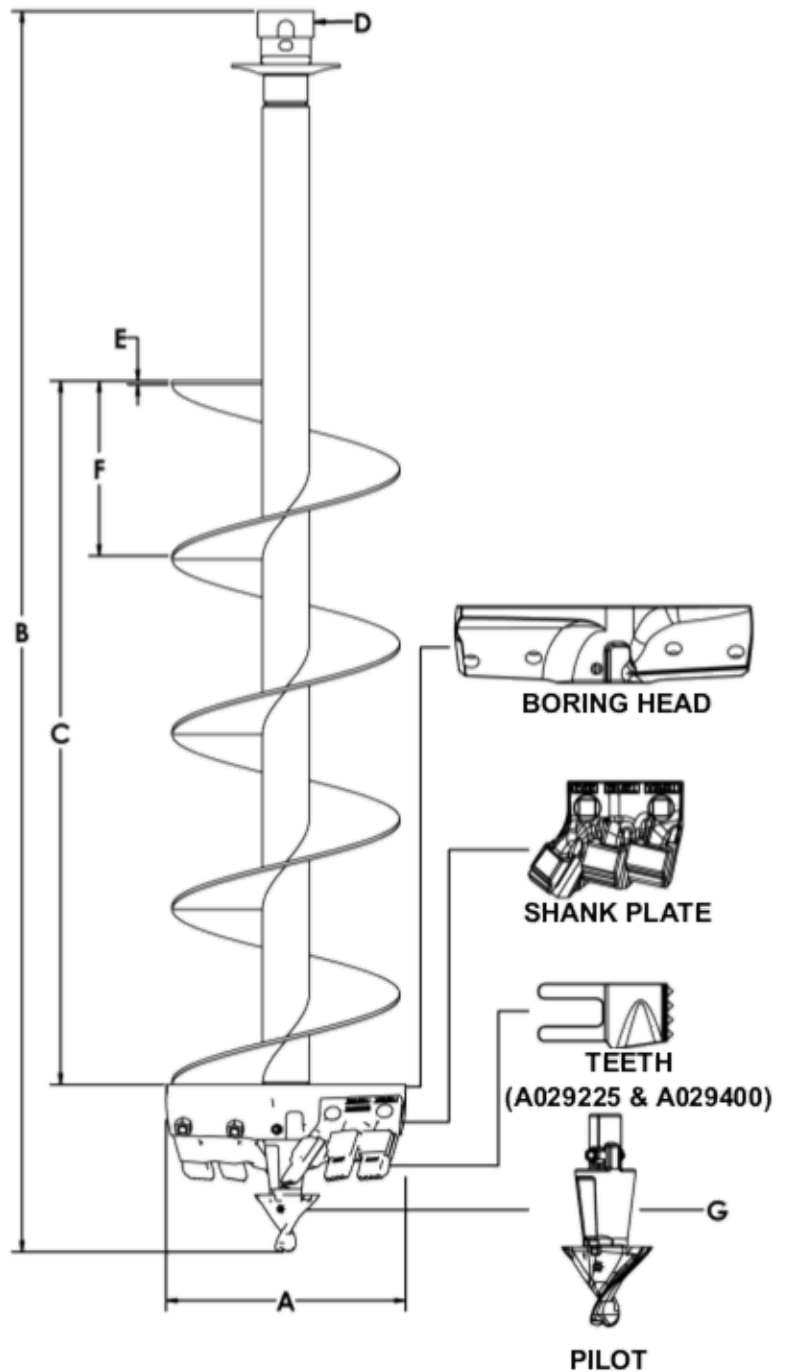
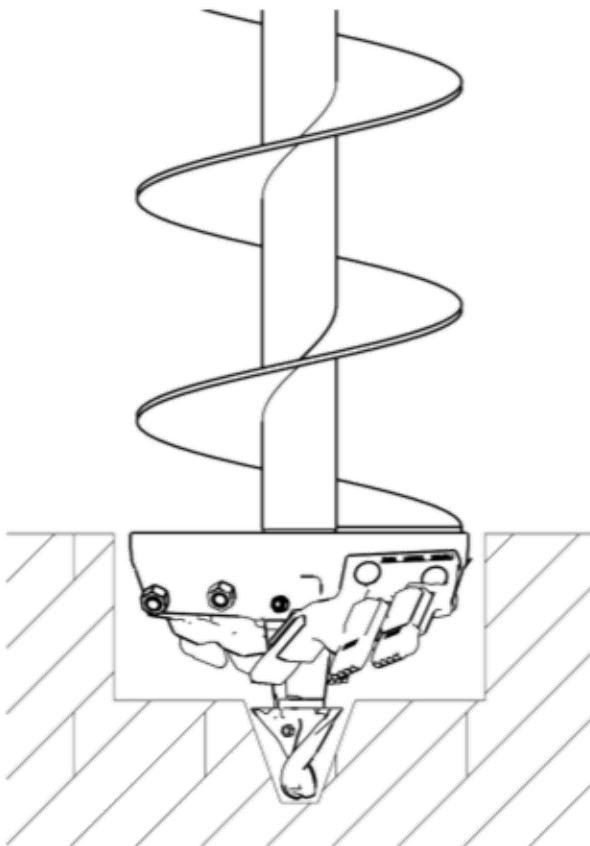
This series of augers has a bolt on shank plate design. Standard flighting on Terex® Texoma™ TXC series digger derrick augers are as follows:

- 5/16" thick for 30" diameter and smaller
- 1/2" thick for diameter larger than 30"

Standard components are TX56 (PN A029225) and TX58 (PN A029400) carbide teeth and TX205C (PN 29665) pilot bit.

## Application:

Terex® Texoma TXC Series Derrick dirt augers are manufactured to improve the drilling performance of digger derricks, for loose and compacted soils, stiff clays, shale, cobbles, and medium rock strata. The optional TX50C pilot bit (PN 85889) greatly improves the performance of the TXC Series auger.



OPTIONAL BIT  
(85889)

NOTE: Graphics are for reference only.

## TXC (Carbide) Series

PART NO.	A		B		C		D		E		F		G
	DIAMETER		AUGER LENGTH		FLIGHT LENGTH		HEX SIZE		FLIGHT THICK-NESS		FLIGHT PITCH		
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
65355569TU	9	229	104	2642	52	1321	2.00	51	0.31	8	9	229	29665
65355565TU	9	229	104	2642	52	1321	2.50	64	0.31	8	9	229	29665
65355566TU	9	229	104	2642	52	1321	2.62	67	0.31	8	9	229	29665
65355567TU	9	229	104	2642	60	1524	2.50	64	0.31	8	9	229	29665
65355568TU	9	229	104	2642	60	1524	2.62	67	0.31	8	9	229	29665
65355570TU	9	229	104	2642	60	1524	2.00	51	0.31	8	9	229	29665
65355573TU	10	254	104	2642	52	1321	2.00	51	0.31	8	9	229	29665
65355571TU	10	254	104	2642	52	1321	2.50	64	0.31	8	9	229	29665
65355572TU	10	254	104	2642	52	1321	2.62	67	0.31	8	9	229	29665
65355508TU	10	254	104	2642	60	1524	2.00	51	0.31	8	9	229	29665
65355574TU	10	254	104	2642	60	1524	2.50	64	0.31	8	9	229	29665
65355575TU	10	254	104	2642	60	1524	2.62	67	0.31	8	9	229	29665
65355576TU	12	305	104	2642	52	1321	2.00	51	0.31	8	9	229	29665
65355577TU	12	305	104	2642	52	1321	2.50	64	0.31	8	9	229	29665
65355578TU	12	305	104	2642	52	1321	2.62	67	0.31	8	9	229	29665
65355580TU	12	305	104	2642	60	1524	2.62	67	0.31	8	9	229	29665
65355513TU	12	305	104	2642	60	1524	2.00	51	0.31	8	9	229	29665
65355579TU	12	305	104	2642	60	1524	2.50	64	0.31	8	9	229	29665
65355581TU	14	356	104	2642	52	1321	2.00	51	0.31	8	10	254	29665
65355582TU	14	356	104	2642	52	1321	2.50	64	0.31	8	10	254	29665
65355583TU	14	356	104	2642	52	1321	2.62	67	0.31	8	10	254	29665
65355518TU	14	356	104	2642	60	1524	2.00	51	0.31	8	10	254	29665
65355584TU	14	356	104	2642	60	1524	2.50	64	0.31	8	10	254	29665
65355585TU	14	356	104	2642	60	1524	2.62	67	0.31	8	10	254	29665
65355588TU	16	406	104	2642	48	1219	2.00	51	0.31	8	12	305	29665
65355589TU	16	406	104	2642	48	1219	2.50	64	0.31	8	12	305	29665
65355590TU	16	406	104	2642	48	1219	2.62	67	0.31	8	12	305	29665
65355591TU	16	406	104	2642	60	1524	2.00	51	0.31	8	12	305	29665
65355592TU	16	406	104	2642	60	1524	2.50	64	0.31	8	12	305	29665
65355599TU	16	406	104	2642	60	1524	2.50	64	0.31	8	12	305	85889
65355593TU	16	406	104	2642	60	1524	2.62	67	0.31	8	12	305	29665
65355598TU	16	406	104	2642	60	1524	2.62	67	0.31	8	12	305	85889

Custom Options Available Upon Request

- Pitch
- Diameter
- Chart dimensions are nominal and will vary slightly based on material specification & manufacturing tolerances.

Table Continued on next page

## TXC (Carbide) Series

PART NO.	A		B		C		D		E		F		G PILOT BIT
	DIAMETER		AUGER LENGTH		FLIGHT LENGTH		HEX SIZE		FLIGHT THICKNESS		FLIGHT PITCH		
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
65355616TU	18	457	104	2642	48	1219	2.00	51	0.31	8	12	305	29665
65355614TU	18	457	104	2642	48	1219	2.50	64	0.31	8	12	305	29665
65355612TU	18	457	104	2642	60	1524	2.50	64	0.50	13	12	305	85889
65355615TU	18	457	104	2642	48	1219	2.62	67	0.31	8	12	305	29665
65355613TU	18	457	104	2642	60	1524	2.62	67	0.50	13	12	305	85889
65355607TU	18	457	104	2642	60	1524	2.00	51	0.31	8	12	305	29665
65355984TU	18	457	104	2642	60	1524	2.50	64	0.31	8	12	305	29665
65355610TU	18	457	104	2642	60	1524	2.50	64	0.50	13	12	305	29665
65355604TU	18	457	104	2642	60	1524	2.62	67	0.31	8	12	305	29665
65355605TU	18	457	104	2642	60	1524	2.62	67	0.31	8	12	305	85889
65355611TU	18	457	104	2642	60	1524	2.62	67	0.50	13	12	305	29665
65355975TU	18	457	128	3251	60	1524	2.62	67	0.31	8	12	305	29665
65355698TU	20	508	104	2642	48	1219	2.00	51	0.31	8	15	381	29665
65355699TU	20	508	104	2642	48	1219	2.50	64	0.31	8	15	381	29665
65355700TU	20	508	104	2642	48	1219	2.62	67	0.31	8	15	381	29665
65355533TU	20	508	104	2642	60	1524	2.00	51	0.31	8	15	381	29665
65355620TU	20	508	104	2642	60	1524	2.50	64	0.31	8	15	381	29665
65355621TU	20	508	104	2642	60	1524	2.62	67	0.31	8	15	381	29665
65355691TU	20	508	104	2642	60	1524	2.62	67	0.50	13	15	381	29665
65355714TU	24	610	104	2642	48	1219	2.00	51	0.31	8	15	381	29665
65355715TU	24	610	104	2642	48	1219	2.50	64	0.31	8	15	381	29665
65355716TU	24	610	104	2642	48	1219	2.62	67	0.31	8	15	381	29665
65355717TU	24	610	104	2642	60	1524	2.00	51	0.31	8	15	381	29665
65355718TU	24	610	104	2642	60	1524	2.50	64	0.31	8	15	381	29665
65355719TU	24	610	104	2642	60	1524	2.62	67	0.31	8	15	381	85889
65355724TU	24	610	104	2642	60	1524	2.50	64	0.31	8	15	381	29665
65355981TU	24	610	128	3251	60	1524	2.62	67	0.31	8	15	381	29665
65355742TU	30	762	104	2642	40	1016	2.00	51	0.31	8	18	457	29665
65355738TU	30	762	104	2642	40	1016	2.50	64	0.31	8	18	457	29665
65355739TU	30	762	104	2642	40	1016	2.62	67	0.31	8	18	457	29665
65355553TU	30	762	104	2642	52	1321	2.00	51	0.31	8	18	457	29665
65355740TU	30	762	104	2642	52	1321	2.50	64	0.31	8	18	457	29665
65355741TU	30	762	104	2642	52	1321	2.62	67	0.31	8	18	457	29665
65355749TU	30	762	104	2642	52	1321	2.62	67	0.50	13	18	457	29665

Custom Options Available Upon Request

- Pitch
- Diameter
- Chart dimensions are nominal and will vary slightly based on material specification & manufacturing tolerances.

Table Continued on next page

## TXC (Carbide) Series

PART NO.	A		B		C		D		E		F		G PILOT BIT
	DIAMETER		AUGER LENGTH		FLIGHT LENGTH		HEX SIZE		FLIGHT THICKNESS		FLIGHT PITCH		
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
65355759TU	36	914	104	2642	40	1016	2.00	51	0.50	13	18	457	29665
65355757TU	36	914	104	2642	40	1016	2.50	64	0.50	13	18	457	29665
65355758TU	36	914	104	2642	40	1016	2.62	67	0.50	13	18	457	29665
65355760TU	36	914	104	2642	40	1016	2.62	67	0.50	13	18	457	85889
65355761TU	36	914	104	2642	52	1321	2.50	64	0.50	13	18	457	29665
65355762TU	36	914	104	2642	52	1321	2.62	67	0.50	13	18	457	29665
65355764TU	42	1067	104	2642	40	1016	2.50	64	0.50	13	20	508	29665
65355765TU	42	1067	104	2642	40	1016	2.62	67	0.50	13	20	508	29665
65355769TU	42	1067	104	2642	60	1524	2.50	64	0.50	13	20	508	29665
65355767TU	42	1067	104	2642	60	1524	2.62	67	0.50	13	20	508	29665
65355478TU	48	1219	104	2642	48	1219	2.50	64	0.50	13	24	610	29665
65355479TU	48	1219	104	2642	48	1219	2.62	67	0.50	13	24	610	29665
65355468TU	48	1219	104	2642	60	1524	2.50	64	0.50	13	24	610	29665
65355469TU	48	1219	104	2642	60	1524	2.62	67	0.50	13	24	610	29665

Custom Options Available Upon Request

- Pitch
- Diameter
- Chart dimensions are nominal and will vary slightly based on material specification & manufacturing tolerances.

NOTE: Graphics are for reference only.





## Specifications:

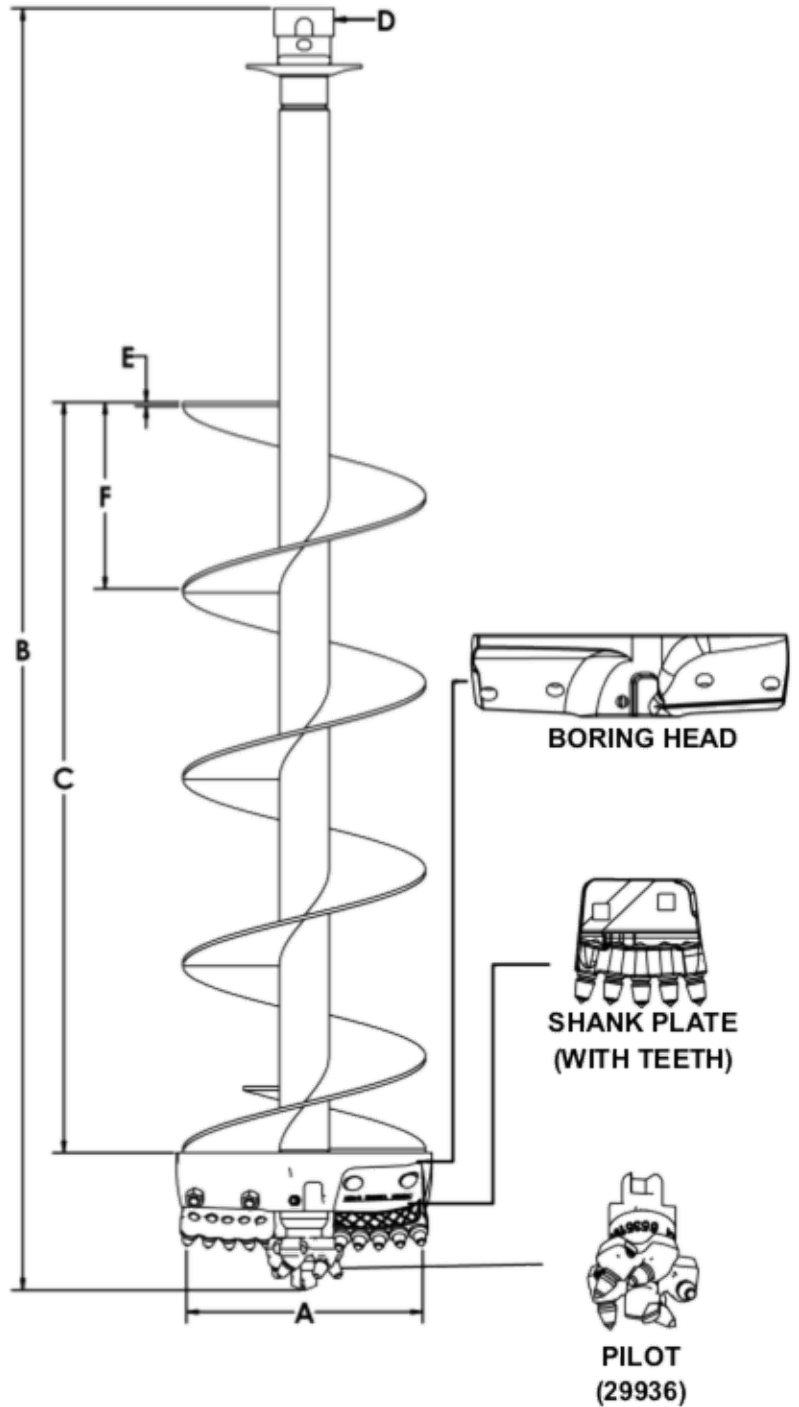
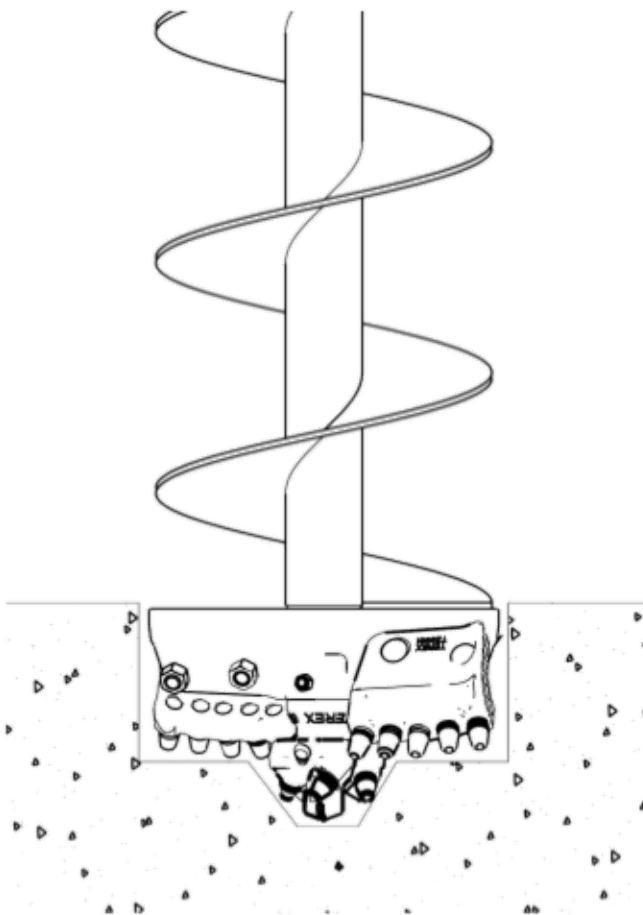
This series of Augers has a bolt on shank plate design. Standard flighting on Terex® Texoma™ TXCS-Series digger derrick carbide rock augers are as follows:

- 5/16" thick as standard

Standard components are TX87 teeth (PN 2429914) and C6-1/2-87(PN 29936) pilot bit.

## Application:

Terex® Texoma TXCS-Series digger derrick augers are manufactured to improve the drilling performance of digger derricks for limestone, medium sandstone and frozen materials; medium to hard formations.



NOTE: Graphics are for reference only.

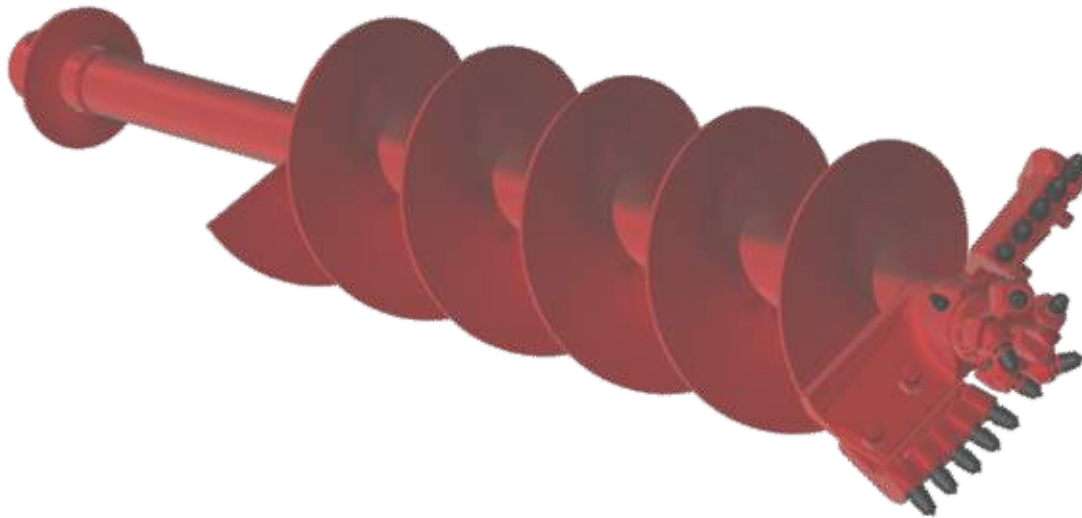
## TXCS (Rock) Series

PART NO.	A		B		C		D		E		F	
	DIAMETER		AUGER LENGTH		FLIGHT LENGTH		HEX SIZE		FLIGHT THICKNESS		FLIGHT PITCH	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
65355770TU	16	406	104	2642	60	1524	2.00	51	0.31	8	12	305
65355771TU	16	406	104	2642	60	1524	2.50	64	0.31	8	12	305
65355772TU	16	406	104	2642	60	1524	2.62	67	0.31	8	12	305
65355773TU	18	457	104	2642	48	1219	2.00	51	0.31	8	12	305
65355774TU	18	457	104	2642	48	1219	2.50	64	0.31	8	12	305
65355775TU	18	457	104	2642	48	1219	2.62	67	0.31	8	12	305
65355777TU	18	457	104	2642	60	1524	2.62	67	0.50	13	12	305
65355779TU	20	508	104	2642	48	1219	2.00	51	0.31	8	15	381
65355780TU	20	508	104	2642	48	1219	2.50	64	0.31	8	15	381
65355781TU	20	508	104	2642	48	1219	2.62	67	0.31	8	15	381
65355784TU	24	610	104	2642	60	1524	2.00	51	0.31	8	15	381
65355785TU	24	610	104	2642	60	1524	2.50	64	0.31	8	15	381
65355786TU	24	610	104	2642	60	1524	2.62	67	0.31	8	15	381

Custom Options Available Upon Request

- Pitch
- Diameter
- Chart dimensions are nominal and will vary slightly based on material specification & manufacturing tolerances.

NOTE: Graphics are for reference only.



## Specifications:

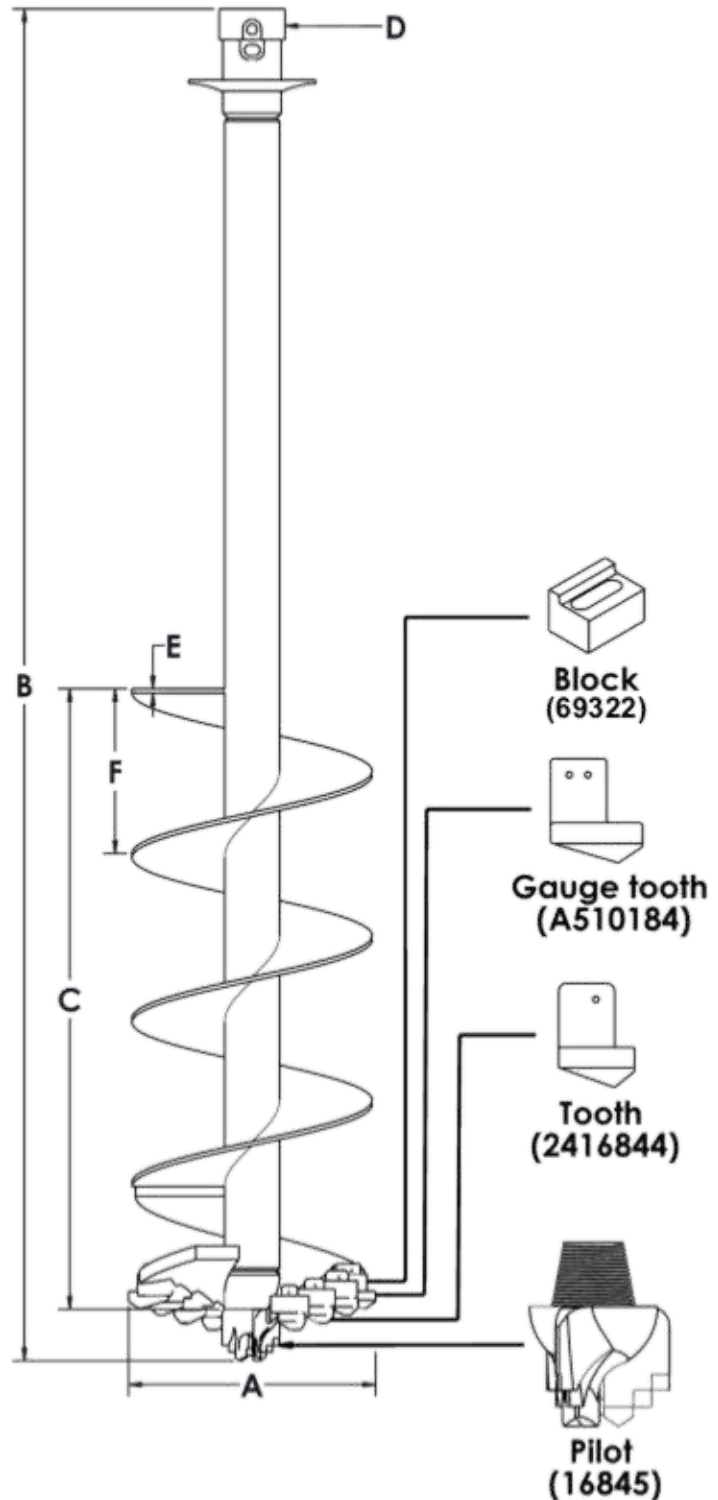
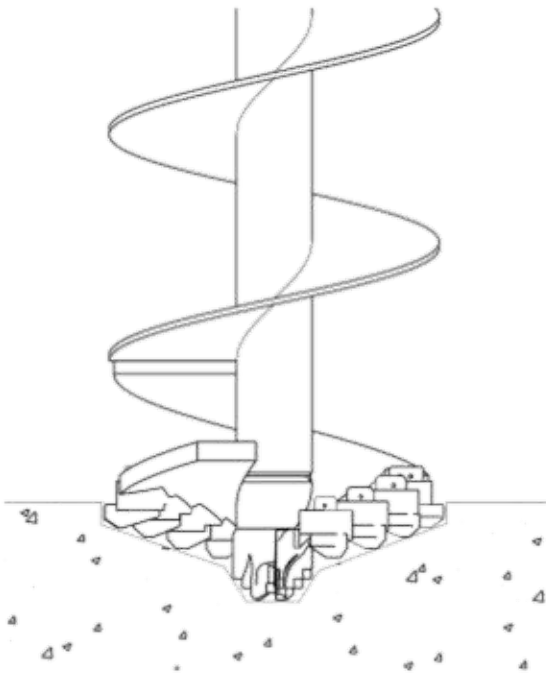
Standard flighting on Terex® Texoma™ TRA Series digger derrick augers have a 1" lower flight section, hard faced, combined with upper flighting as follows:

- 5/16" thick for 30" diameter and smaller
- 1/2" thick for diameter larger than 30"

Standard teeth are TRT1(PN 2416844) & TWT2 (PN A510184) carbide blade teeth with a TPB-6 (PN 16845) carbide pilot bit. All Terex® Texoma blade series teeth and 2 3/8 inch API Texoma pilot bits will interchange with this series of drilling tools.

## Application:

Terex® Texoma TRA Series digger derrick rock augers are designed and manufactured to improve the drilling performance of digger derricks in hard rock formations. The Texoma TRA Series digger derrick rock auger is best suited for solid (non-fracturable) formations in medium to hard drilling conditions.



NOTE: Graphics are for reference only.

## TRA (Rock) Series

PART NO.	A		B		C		D		E		F	
	DIAMETER		AUGER LENGTH		FLIGHT LENGTH		HEX SIZE		FLIGHT THICKNESS		FLIGHT PITCH	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
65355937TU	9	229	104	2642	52	1321	2.00	51	0.31	8	9	229
65355938TU	9	229	104	2642	52	1321	2.50	64	0.31	8	9	229
65355939TU	9	229	104	2642	52	1321	2.62	67	0.31	8	9	229
65355940TU	10	254	104	2642	52	1321	2.00	51	0.31	8	9	229
65355941TU	10	254	104	2642	52	1321	2.50	64	0.31	8	9	229
65355942TU	10	254	104	2642	52	1321	2.62	67	0.31	8	9	229
65355943TU	12	305	104	2642	52	1321	2.00	51	0.31	8	9	229
65355944TU	12	305	104	2642	52	1321	2.50	64	0.31	8	9	229
65355945TU	12	305	104	2642	52	1321	2.62	67	0.31	8	9	229
65355946TU	14	356	104	2642	52	1321	2.00	51	0.31	8	10	254
65355947TU	14	356	104	2642	52	1321	2.50	64	0.31	8	10	254
65355948TU	14	356	104	2642	52	1321	2.62	67	0.31	8	10	254
65355949TU	16	406	104	2642	48	1219	2.00	51	0.31	8	12	305
65355950TU	16	406	104	2642	48	1219	2.50	64	0.31	8	12	305
65355951TU	16	406	104	2642	48	1219	2.62	67	0.31	8	12	305
65355952TU	18	457	104	2642	48	1219	2.00	51	0.31	8	12	305
65355953TU	18	457	104	2642	48	1219	2.50	64	0.31	8	12	305
65355954TU	18	457	104	2642	48	1219	2.62	67	0.31	8	12	305
65355955TU	20	508	104	2642	48	1219	2.00	51	0.31	8	15	381
65355956TU	20	508	104	2642	48	1219	2.50	64	0.31	8	15	381
65355957TU	20	508	104	2642	48	1219	2.62	67	0.31	8	15	381
65355958TU	24	610	104	2642	48	1219	2.00	51	0.31	8	15	381
65355959TU	24	610	104	2642	48	1219	2.50	64	0.31	8	15	381
65355960TU	24	610	104	2642	48	1219	2.62	67	0.31	8	15	381
65355961TU	30	762	104	2642	40	1016	2.00	51	0.31	8	18	457
65355962TU	30	762	104	2642	40	1016	2.50	64	0.31	8	18	457
65355963TU	30	762	104	2642	40	1016	2.62	67	0.31	8	18	457

Custom Options Available Upon Request

- Pitch
- Diameter
- Chart dimensions are nominal and will vary slightly based on material specification & manufacturing tolerances.

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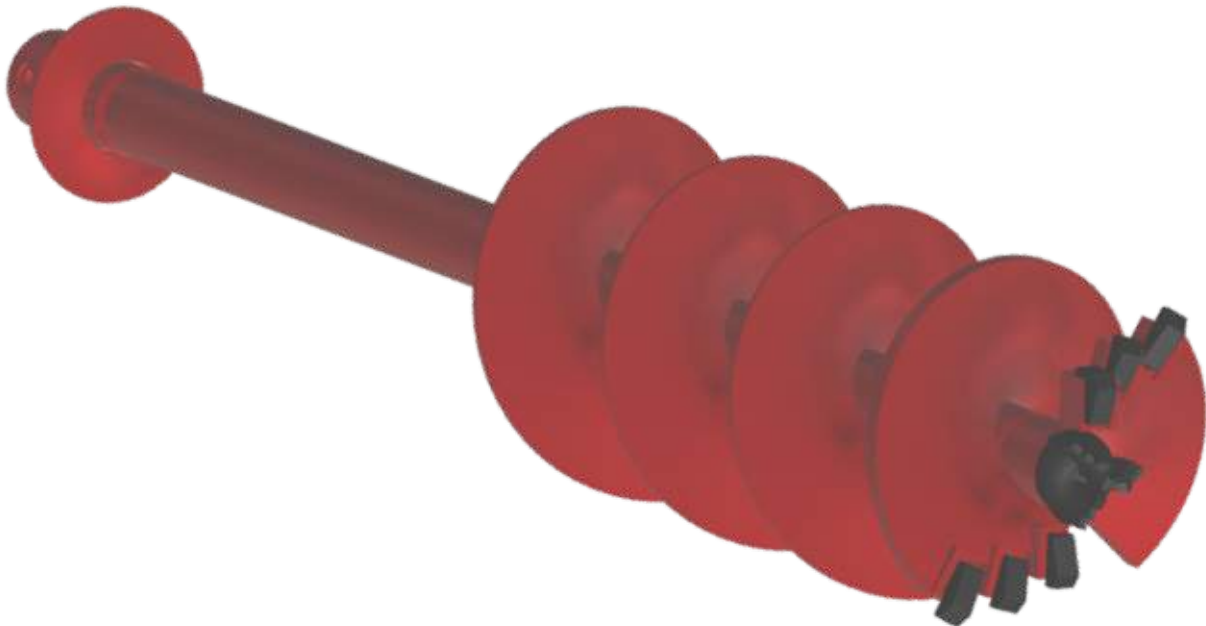
## TRA (Rock) Series

PART NO.	A		B		C		D		E		F	
	DIAMETER		AUGER LENGTH		FLIGHT LENGTH		HEX SIZE		FLIGHT THICKNESS		FLIGHT PITCH	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
65355964TU	36	914	104	2642	40	1016	2.00	51	0.31	8	18	457
65355965TU	36	914	104	2642	40	1016	2.50	64	0.31	8	18	457
65355966TU	36	914	104	2642	40	1016	2.62	67	0.31	8	18	457
65355967TU	42	1067	104	2642	40	1016	2.00	51	0.31	8	20	508
65355968TU	42	1067	104	2642	40	1016	2.50	64	0.31	8	20	508
65355969TU	42	1067	104	2642	40	1016	2.62	67	0.31	8	20	508

Custom Options Available Upon Request

- Pitch
- Diameter
- Chart dimensions are nominal and will vary slightly based on material specification & manufacturing tolerances.

NOTE: Graphics are for reference only.



## BTA (Bullet) Series

### Specifications:

Texoma™ Bullet Tooth Auger (BTA) is manufactured with 1 inch Lower Flighting and 1/2 inch Upper flighting and 5/16 inch optional flighting.

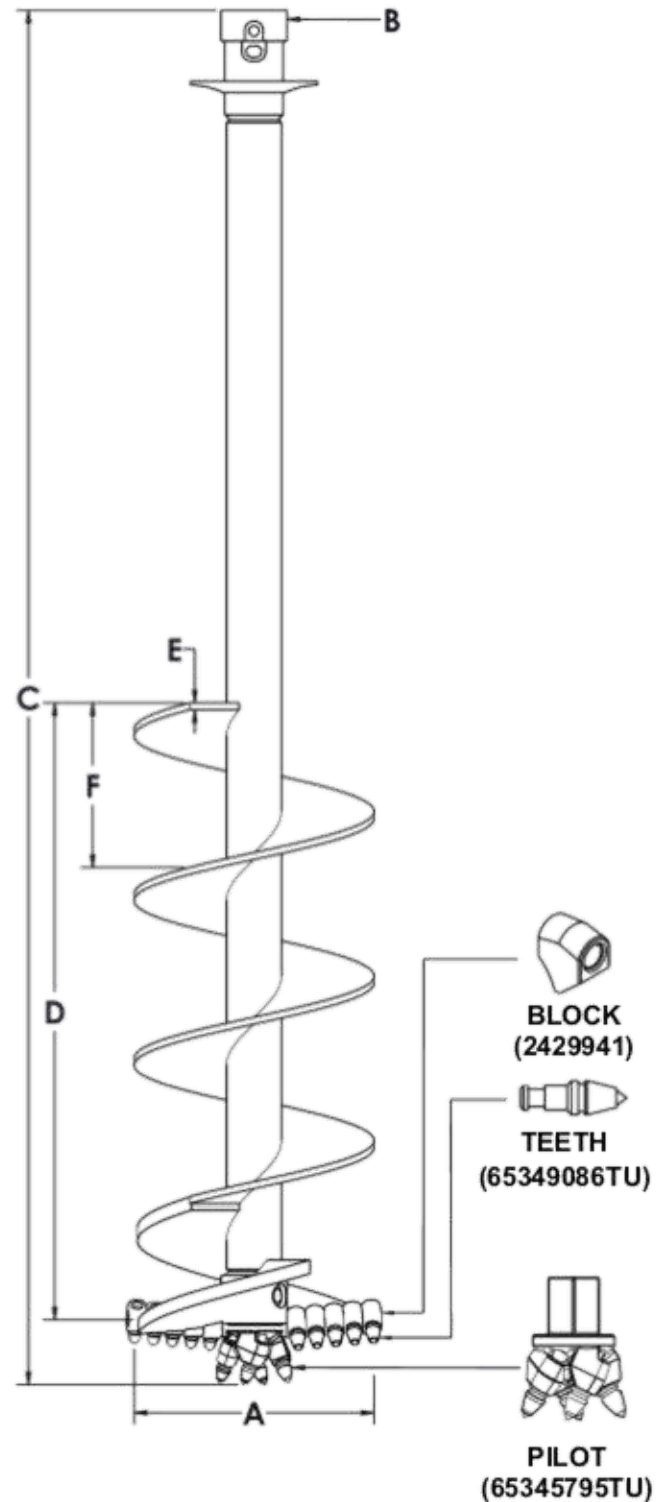
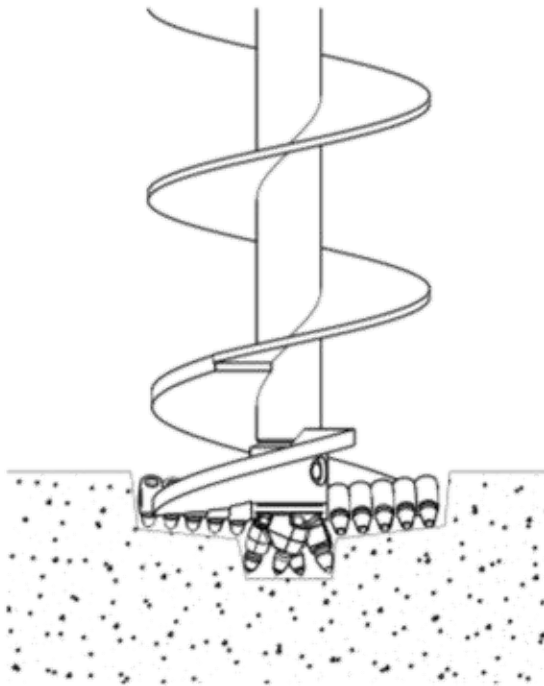
It has a replaceable pilot bit, 65345795-TPB1, with 2-5/8 inch hex shank. Drills hard materials that conventional augers cannot.

Pilot bit replacement teeth 65349085TU.

Replacement teeth (on flighting) 65349086TU

### Application:

The Terex® Texoma™ Bullet Tooth Auger (BTA) is designed specifically to improve the drilling performance of digger derricks in hard, fractureable material such as limestone, lava, backfill material as well as cobbles and boulder type drilling conditions. The Terex® BTA augers have a unique cutting pattern that allows each tooth to cut a small track which increases cutting efficiency and tooth life. Our cut pattern and tooth attack angle combine to allow the bullet teeth to act as "fingers" that penetrate thru and lift up fractured or broken material.



NOTE: Graphics are for reference only.

## BTA (Bullet) Series

PART NO.	A		B		C		D		E		F	
	DIAMETER		HEX SIZE		AUGER LENGTH		FLIGHT LENGTH		FLIGHT THICKNESS		FLIGHT PITCH	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
65355890TU	9	229	2.00	51	104	2642	60	1524	0.50	13	7	178
65355891TU	9	229	2.50	64	104	2642	60	1524	0.50	13	7	178
65355892TU	9	229	2.62	67	104	2642	60	1524	0.50	13	7	178
65355893TU	10	254	2.00	51	104	2642	60	1524	0.50	13	7	178
65355894TU	10	254	2.50	64	104	2642	60	1524	0.50	13	7	178
65355895TU	10	254	2.62	67	104	2642	60	1524	0.50	13	7	178
65355896TU	12	305	2.00	51	104	2642	60	1524	0.50	13	7	178
65355897TU	12	305	2.50	64	104	2642	60	1524	0.50	13	7	178
65355898TU	12	305	2.62	67	104	2642	60	1524	0.50	13	7	178
65355899TU	14	356	2.00	51	104	2642	60	1524	0.50	13	9	229
65355900TU	14	356	2.50	64	104	2642	60	1524	0.50	13	9	229
65355901TU	14	356	2.62	67	104	2642	60	1524	0.50	13	9	229
65355902TU	16	406	2.00	51	104	2642	60	1524	0.50	13	12	305
65355903TU	16	406	2.50	64	104	2642	60	1524	0.50	13	12	305
65355904TU	16	406	2.62	67	104	2642	60	1524	0.50	13	12	305
65355905TU	18	457	2.00	51	104	2642	60	1524	0.50	13	12	305
65355906TU	18	457	2.50	64	104	2642	60	1524	0.50	13	12	305
65355907TU	18	457	2.62	67	104	2642	60	1524	0.50	13	12	305
65355908TU	20	508	2.00	51	104	2642	60	1524	0.50	13	15	381
65355909TU	20	508	2.50	64	104	2642	60	1524	0.50	13	15	381
65355910TU	20	508	2.62	67	104	2642	60	1524	0.50	13	15	381
65355911TU	22	559	2.00	51	104	2642	60	1524	0.50	13	15	381
65355912TU	22	559	2.50	64	104	2642	60	1524	0.50	13	15	381
65355913TU	22	559	2.62	67	104	2642	60	1524	0.50	13	15	381
65355914TU	24	610	2.00	51	104	2642	60	1524	0.50	13	15	381
65355915TU	24	610	2.50	64	104	2642	60	1524	0.50	13	15	381
65355916TU	24	610	2.62	67	104	2642	60	1524	0.50	13	15	381
65355917TU	30	762	2.00	51	104	2642	52	1321	0.50	13	18	457
65355918TU	30	762	2.50	64	104	2642	52	1321	0.50	13	18	457
65355919TU	30	762	2.62	67	104	2642	52	1321	0.50	13	18	457

Custom Options Available Upon Request

- Pitch
- Diameter
- Chart dimensions are nominal and will vary slightly based on material specification & manufacturing tolerances.

Table Continued on next page

## BTA (Bullet) Series

PART NO.	A		B		C		D		E		F	
	DIAMETER		HEX SIZE		AUGER LENGTH		FLIGHT LENGTH		FLIGHT THICKNESS		FLIGHT PITCH	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
65355920TU	36	914	2.00	51	104	2642	52	1321	0.50	13	18	457
65355921TU	36	914	2.50	64	104	2642	52	1321	0.50	13	18	457
65355922TU	36	914	2.62	67	104	2642	52	1321	0.50	13	18	457
65355923TU	42	1067	2.00	51	104	2642	40	1016	0.50	13	20	508
65355924TU	42	1067	2.50	64	104	2642	40	1016	0.50	13	20	508
65355925TU	42	1067	2.62	67	104	2642	40	1016	0.50	13	20	508
65355484TU	48	1219	2.00	51	104	2642	40	1016	0.50	13	24	610
65355485TU	48	1219	2.50	64	104	2642	40	1016	0.50	13	24	610
65355486TU	48	1219	2.62	67	104	2642	40	1016	0.50	13	24	610

Custom Options Available Upon Request

- Pitch
- Diameter
- Chart dimensions are nominal and will vary slightly based on material specification & manufacturing tolerances.

NOTE: Graphics are for reference only.





## BTA (Bullet) / Spiral Series

### Specifications:

Texoma™ Spiral Bullet Tooth Auger (BTA) is manufactured with 1 inch Lower Flighting and 1/2 inch Upper Flighting . It has a replaceable pilot bit, 65357524TU, with 2-5/8 inch hex shank. Drills hard materials that conventional augers cannot.

Pilot bit replacement teeth 65349085TU.

Replacement teeth (on flighting) 65349086TU.

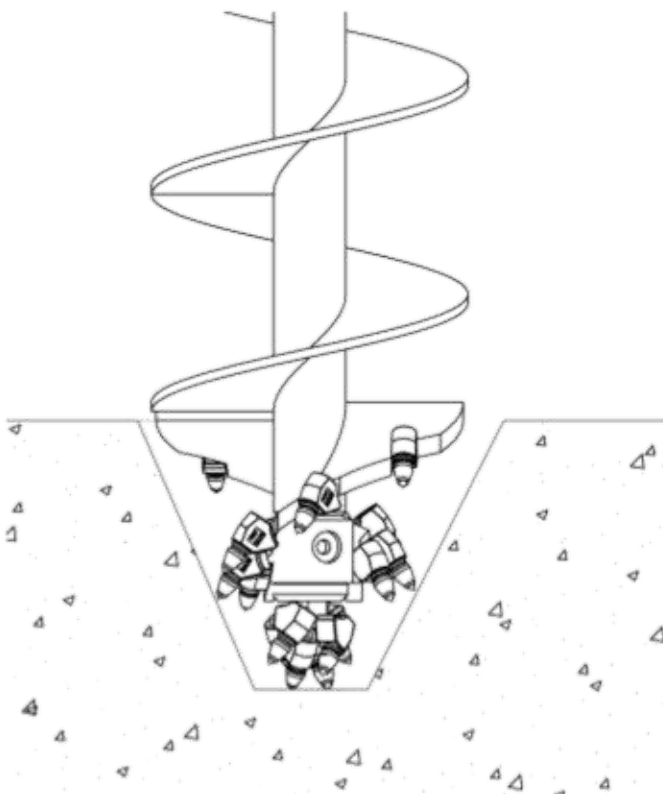
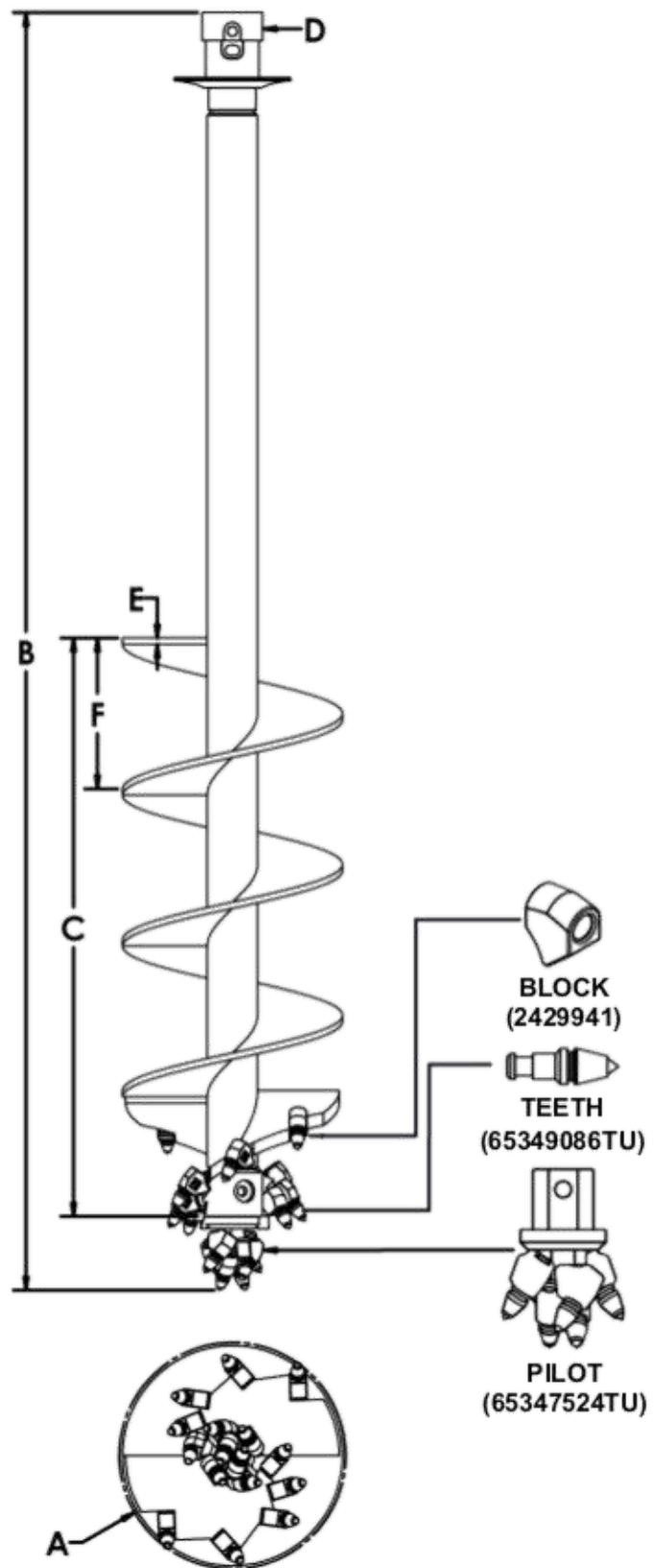
### Application:

The Terex® Texoma Spiral Bullet Tooth Auger (BTA) is designed specifically to improve the drilling performance of digger derricks in extreme conditions.

This auger has a unique cutting pattern that allows each tooth to cut a small track to increase cutting efficiency and tooth life. The cut pattern and tooth attack angle combine to allow the bullet teeth to act as "fingers" that penetrate through and lift up fractured or broken material.

In many cases, a digger derrick equipped with a spiral BTA can drill in conditions previously requiring a pressure digger.

This tool works with the digger derrick core barrel with extendable pilot bit option to improve functionality & increase productivity. (See core barrel options on page 46.)



NOTE: Graphics are for reference only.

## BTA (Bullet) Spiral (Hex Pilot)

PART NO.	A		B		C		D		E		F	
	DIAMETER		AUGER LENGTH		FLIGHT LENGTH		HEX SIZE		FLIGHT THICKNESS		FLIGHT PITCH	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
65355926TU	18	457	104	2642	60	1524	2.50	64	0.50	13	12	305
65355927TU	18	457	104	2642	60	1524	2.62	67	0.50	13	12	305
65355928TU	20	508	104	2642	60	1524	2.50	64	0.50	13	15	381
65355929TU	20	508	104	2642	60	1524	2.62	67	0.50	13	15	381
65355931TU	24	610	104	2642	60	1524	2.50	64	0.50	13	15	381
65355932TU	24	610	104	2642	60	1524	2.62	67	0.50	13	15	381
65355933TU	30	762	104	2642	48	1220	2.50	64	0.50	13	18	457
65355934TU	30	762	104	2642	48	1220	2.62	67	0.50	13	18	457
65355935TU	36	914	104	2642	48	1220	2.50	64	0.50	13	18	457
65355936TU	36	914	104	2642	48	1220	2.62	67	0.50	13	18	457

Custom Options Available Upon Request

- Pitch
- Diameter
- Chart dimensions are nominal and will vary slightly based on material specification & manufacturing tolerances.

NOTE: Graphics are for reference only.



# Interchangeable Head Auger (ICH)

## Specifications:

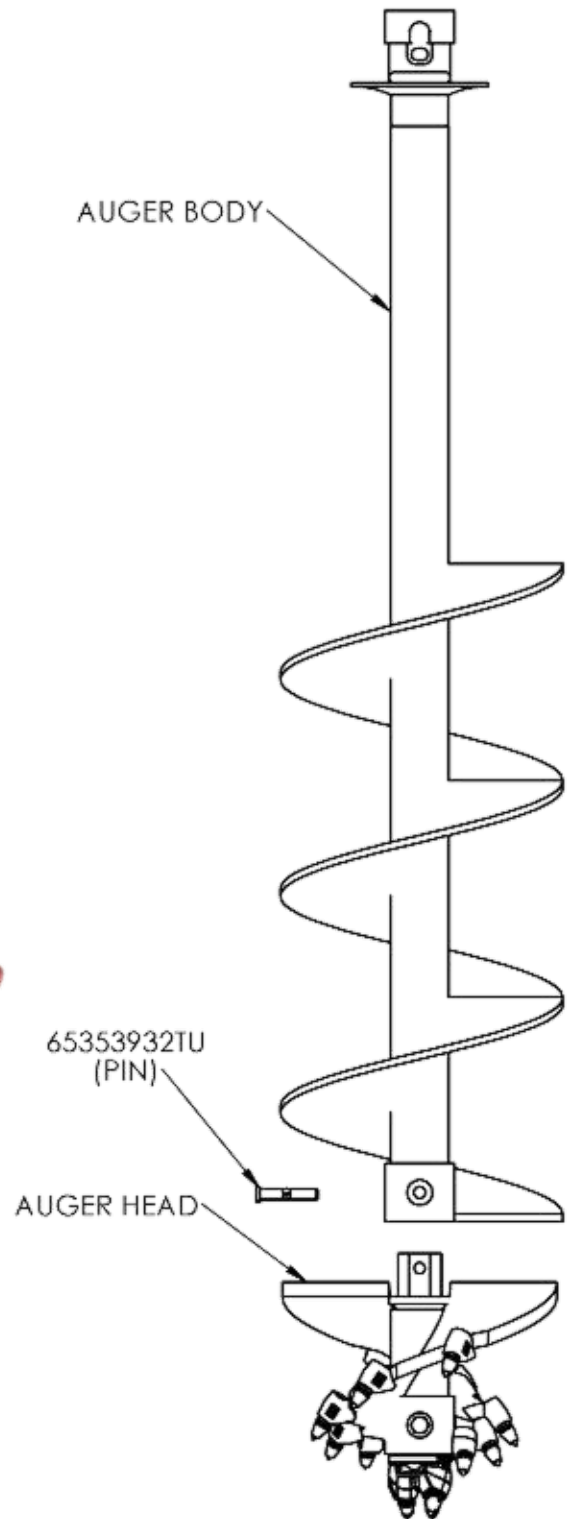
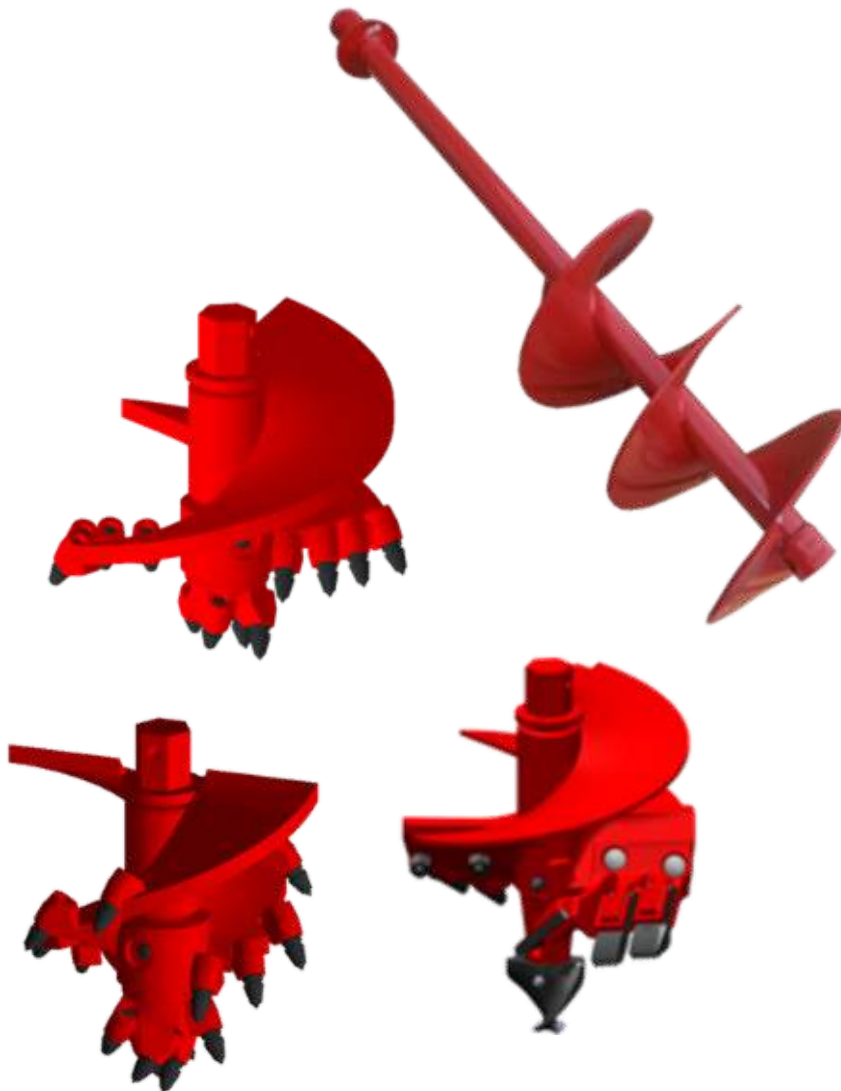
Texoma™ Interchangeable Head auger body is manufactured with options of,

- Medium duty (5/16" Flight)
- Heavy duty (1/2" Flight)
- Extra heavy duty (3/4" Flight)

## Application:

The Terex® Interchangeable Head Auger designed specifically to improve the drilling performance of digger derricks where multiple types of augers are needed.

This tool works with the digger derrick core barrel with extendable pilot bit option to improve functionality & increase productivity. (See core barrel options on page 46.)



NOTE: Graphics are for reference only.

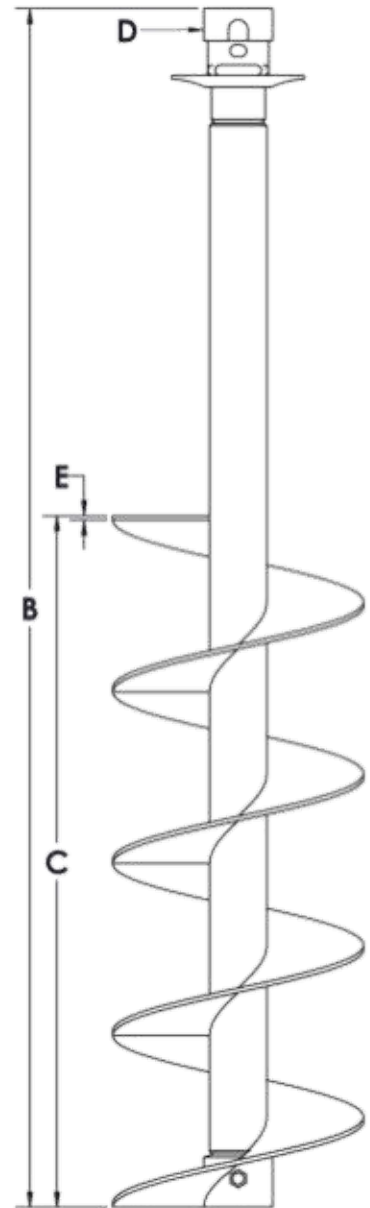
# Interchangeable Head Auger Body (ICH)

## Specifications:

Texoma™ Interchangeable Head Auger Body is manufactured with options of,

- Medium Duty (5/16" Flight)
- Heavy Duty (1/2" Flight)
- Extra heavy duty (3/4" Flight)

STYLE	PART NO.	A		B		C		D		E	
		DIAMETER		BODY LENGTH		FLIGHT LENGTH		HEX SIZE		FLIGHT THICKNESS	
		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
MD	65351946TU	18	457	84	2134	48	1219	2.62	67	0.31	8
MD	65353791TU	20	508	84	2134	45	1143	2.62	67	0.31	8
MD	65354112TU	22	559	84	2134	45	1143	2.62	67	0.31	8
MD	65353792TU	24	610	84	2134	45	1143	2.62	67	0.31	8
HD	65352110TU	18	457	84	2134	48	1219	2.62	67	0.5	13
HD	65354175TU	20	508	84	2134	45	1143	2.50	64	0.5	13
HD	65353795TU	20	508	84 <td 2134	45	1143	2.62	67	0.5	13	
HD	65354113TU	22	559	84	2134	45	1143	2.62	67	0.5	13
HD	65353797TU	24	610	84	2134	45	1143	2.62	67	0.5	13
HD	65354196TU	24	610	108	2743	45	1143	2.62	67	0.5	13
XHD	65355169TU	20	508	84	2134	45	1143	2.50	64	0.75	19
XHD	65355170TU	20	508	84	2134	45	1143	2.62	67	0.75	19
XHD	65353889TU	20	508	84	2134	30	762	2.62	67	0.75	19
XHD	65354114TU	22	559	84	2134	45	1143	2.62	67	0.75	19



Custom Options Available Upon Request

- Pitch
- Diameter
- Chart dimensions are nominal and will vary slightly based on material specification & manufacturing tolerances.

NOTE: Graphics are for reference only.



# Bullet Tooth Auger (BTA) Interchangeable Head (ICH)

## Features:

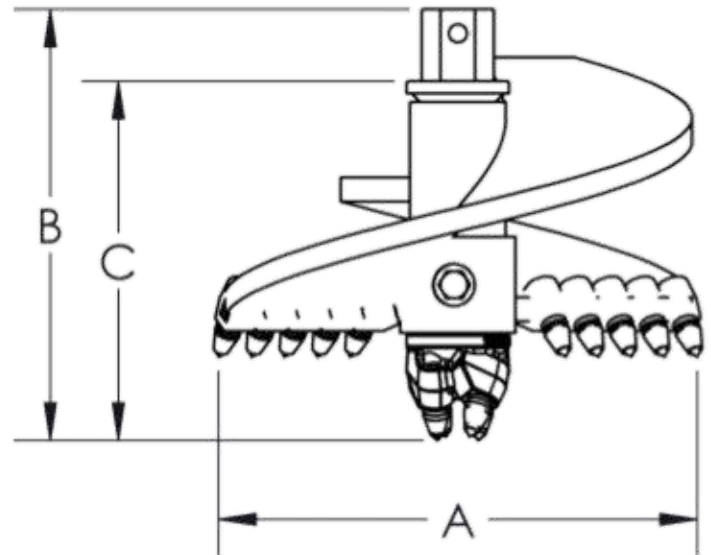
Texoma™ Bullet Tooth Auger (BTA) Interchangeable Head is manufactured with 1 inch flighting. It has a replaceable pilot bit, 65345759-TPB1, 2-5/8 inch with hex shank. Drills hard materials that conventional augers cannot.

Pilot bit replacement teeth 65349085TU.

Replacement teeth (on flighting) 65349086TU

## Application:

The Terex® Texoma™ Bullet Tooth Auger (BTA) Interchangeable Head is designed specifically to improve the drilling performance of digger derricks in hard, fractural material such as limestone, lava, backfill material as well as cobbles and boulder type drilling conditions. The Terex® BTA augers have a unique cutting pattern that allows each tooth to cut a small track which increases cutting efficiency and tooth life. Our cut pattern and tooth attack angle combine to allow the bullet teeth to act as “fingers” that penetrate through and lift up fractured or broken material.

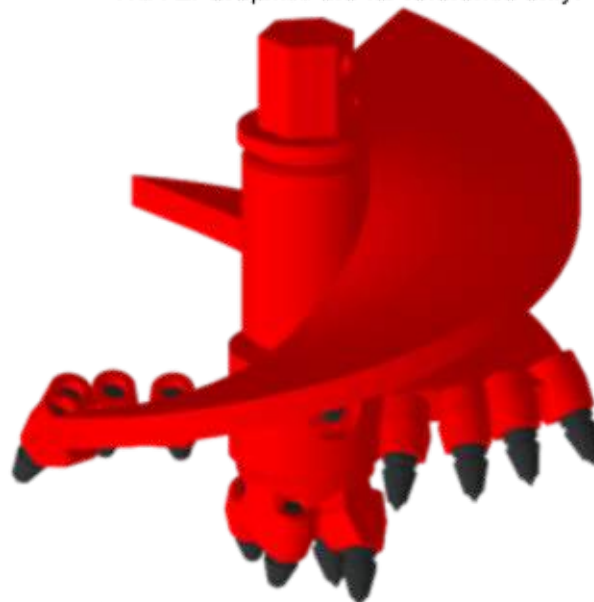


PART NO.	A		B		C	
	PART NO. DIAMETER		AUGER LENGTH		HEAD LENGTH	
	inch	mm	inch	mm	inch	mm
65352111TU	18	457	18	457	15	381
65351958TU	20	508	18	457	15	381
65354115TU	22	559	18	457	15	381
65353799TU	24	610	18	457	15	381

Custom Options Available Upon Request

- Pitch
- Diameter
- Chart dimensions are nominal and will vary slightly based on material specification & manufacturing tolerances.

NOTE: Graphics are for reference only.



# BTA (Bullet) SP (Spiral) Interchangeable Head (ICH)

## Specifications:

Texoma™ Spiral Bullet Tooth Auger (BTA) interchangeable head is manufactured with 1 inch flight. It has a replaceable pilot bit, 65345795TU, with 2-5/8 inch hex shank. Drills hard materials that conventional augers cannot

Pilot bit replacement teeth 65349085TU.

Replacement teeth (on flighting) 65349086TU.

## Application:

The Terex® Texoma™ Spiral Bullet Tooth Auger (BTA) interchangeable head is designed specifically to improve the drilling performance of digger derricks in extreme conditions.

This auger has a unique cutting pattern that allows each tooth to cut a small track to increase cutting efficiency and tooth life. The cut pattern and tooth attack angle combine to allow the bullet teeth to act as "fingers" that penetrate through and lift up fractured or broken material.

In many cases, a digger derrick equipped with a spiral BTA can drill in conditions previously requiring a pressure digger.

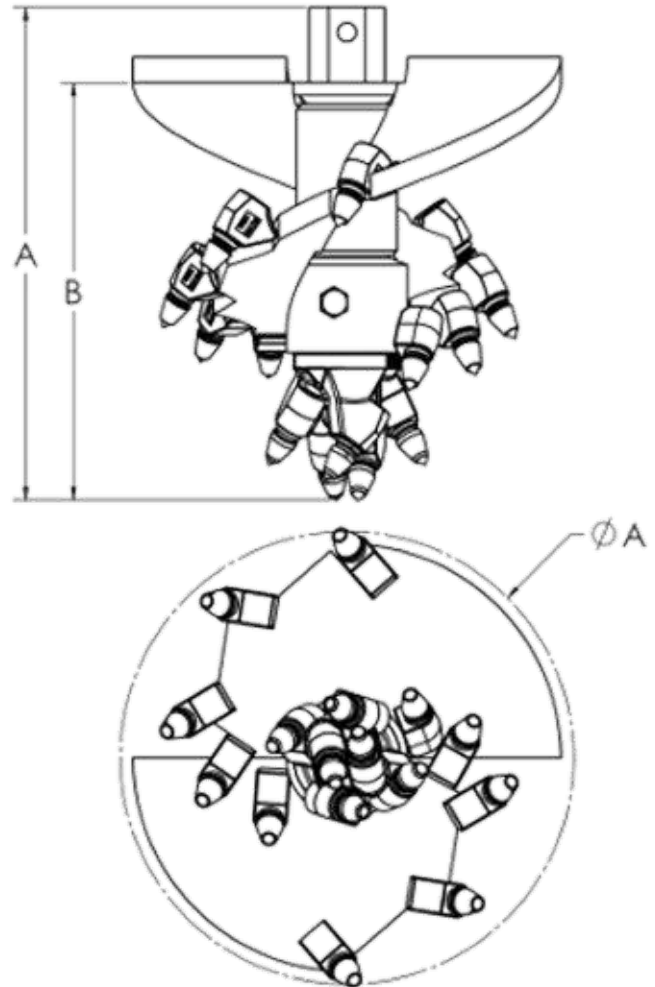
This tool works with the digger derrick core barrel with extendable pilot bit option to improve functionality & increase productivity. (See core barrel options on page 46.)

PART NO.	A		B		C	
	DIAMETER		LENGTH		HEAD LENGTH	
	inch	mm	inch	mm	inch	mm
65352112TU	18	457	18	457	15	381
65351945TU	20	508	18	457	15	381
65354117TU	22	559	18	457	15	381
65353801TU	24	610	18	457	15	381
65352066TU	36	914	18	457	15	381

Custom Options Available Upon Request

- Pitch
- Diameter
- Chart dimensions are nominal and will vary slightly based on material specification & manufacturing tolerances.

NOTE: Graphics are for reference only.



# TX Series Interchangeable Head (ICH)

## Features:

Texoma™ TX SERIES Head Auger

This series of augers has a bolt on shank plate design. Standard fighting on Terex® Texoma™ TXC/TXD Series digger derrick augers are as follows:

5/16" thick for 30" diameter and smaller

1/2" thick for diameter larger than 30"

TXC

TX56 (PN A029225) carbide teeth.

TX58 (PN A029400) carbide teeth.

TX205C (PN 29665) pilot bit.

TXD

TX50 (PN 2429171) dirt teeth.

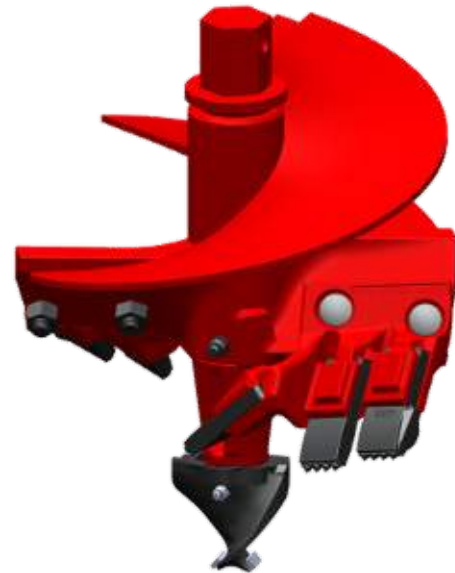
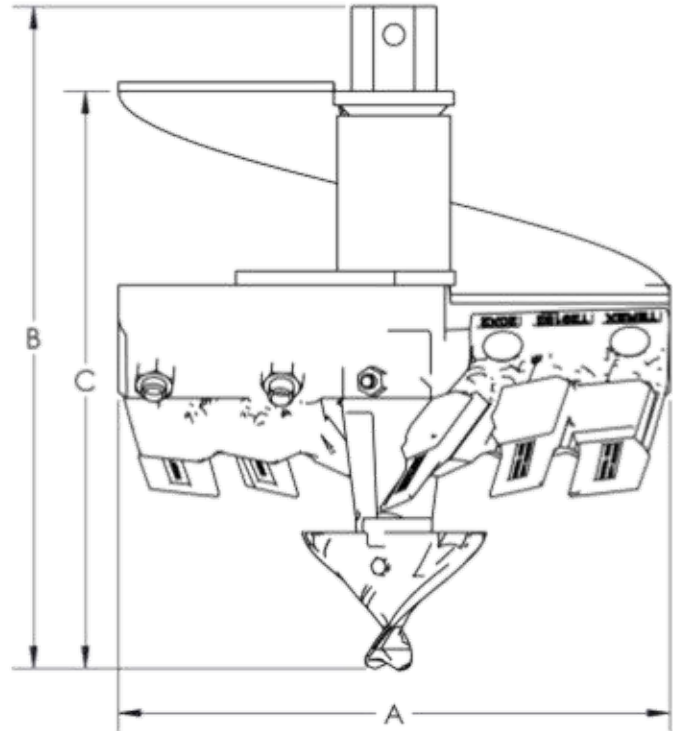
TX52 (PN 2429429) dirt teeth.

TX205 (PN 2429168) pilot bit.

## Application:

**Terex® Texoma™ TXD Series digger derrick dirt augers** are manufactured to improve the drilling performance of digger derricks, for loose and compacted soils, stiff clays and soft shale. The optional TX50D pilot bit (PN 2429167) greatly improves the performance of the TXD Series auger

**Terex® Texoma™ TXC Series Derrick dirt augers** are manufactured to improve the drilling performance of digger derricks, for loose and compacted soils, stiff clays, shale's, cobbles, and medium rock strata. The optional TX50C pilot bit (PN 85889) greatly improves the performance of the TXC Series auger.



PART NO.	SERIES	A		B		C	
		DIAMETER	PART NO.	AUGER LENGTH	HEAD LENGTH	inch	mm
		inch	mm	inch	mm	inch	mm
65352115TU	TXC	18	457	24	597	21	521
65353803TU	TXD	18	457	24	597	21	521
65351943TU	TXC	20	508	24	597	21	521
65353804TU	TXD	20	508	24	597	21	521
65354119TU	TXC	22	559	24	597	21	521
65354120TU	TXD	22	559	24	597	21	521
65353802TU	TXC	24	610	24	597	21	521
65353805TU	TXD	24	610	24	597	21	521

Custom Options Available Upon Request

- Pitch

- Diameter

- Chart dimensions are nominal and will vary slightly based on material specification & manufacturing tolerances.

NOTE: Graphics are for reference only.

# Core Barrel / Extendable Pilot Bit

## Features:

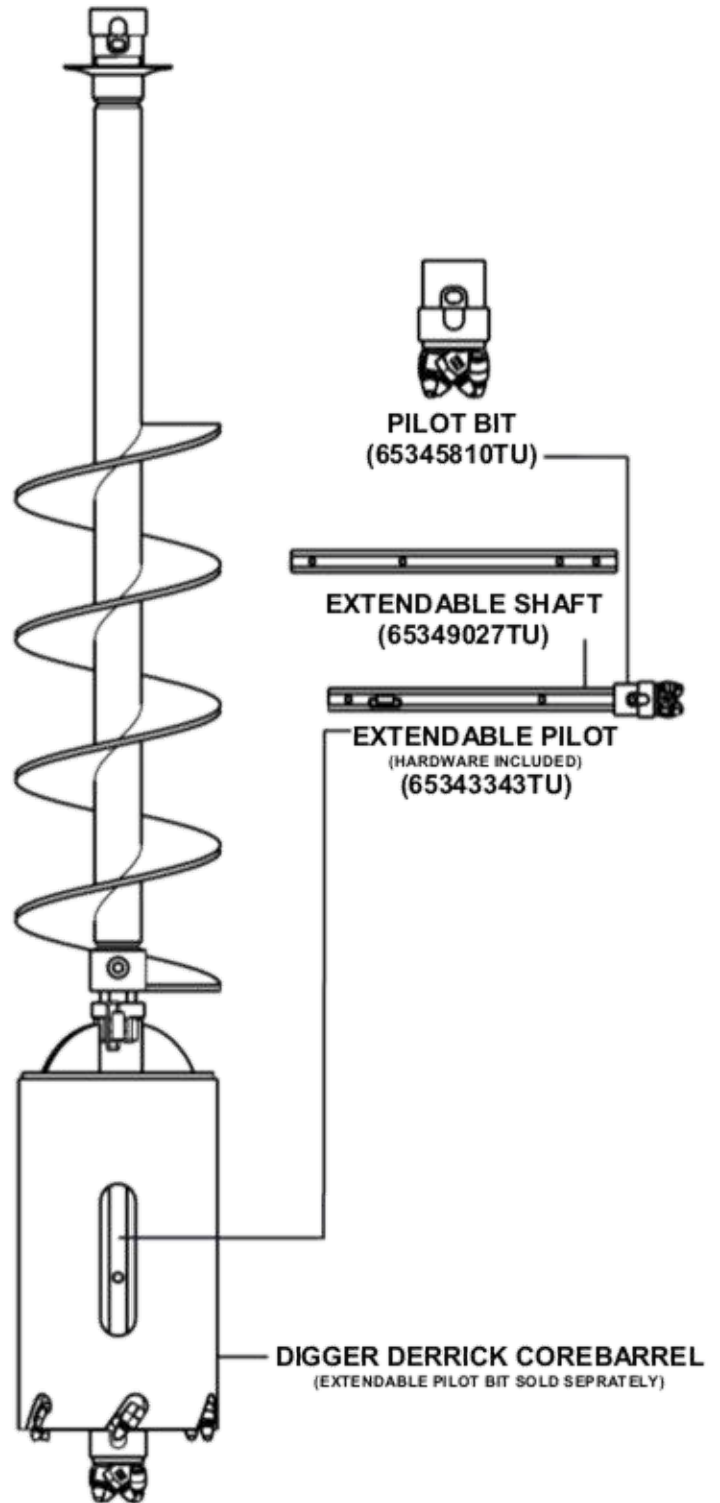
Texoma™ digger derrick core barrel, extendable pilot & auger combinations are available in a range of diameters. The auger comes with a bolt-on, hex pilot which, when removed, allows it to accept the core barrel and extendable pilot bit options *while* keeping the auger on the machine, thus saving valuable time in the field.

The extendable pilot used with the barrel allows for an easy start and provides additional stability in extremely hard rock or out-of-level surfaces. Core barrel can be used with standard BTA, BTA SPIRAL, and ICH augers.

CORE BARRELL	DIAMETER		HEX SIZE		BARREL LENGTH		WALL THICKNESS	
	inch	mm	inch	mm	inch	mm	inch	mm
65345765TU	18	457	2.62	67	30	762	.62	16
65343342TU	20	508	2.62	67	30	762	.62	16
65349078TU	22	558	2.62	67	30	762	.62	16
65347732TU	24	610	2.62	67	30	762	.62	16
65355150TU	30	762	2.62	67	30	762	.50	13

Custom Options Available Upon Request

- Pitch
- Diameter
- Chart dimensions are nominal and will vary slightly based on material specification & manufacturing tolerances.



NOTE: Graphics are for reference only.

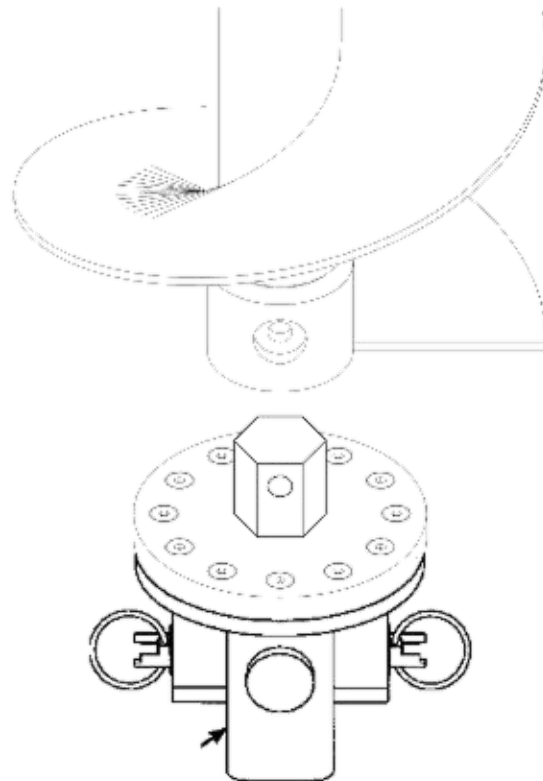
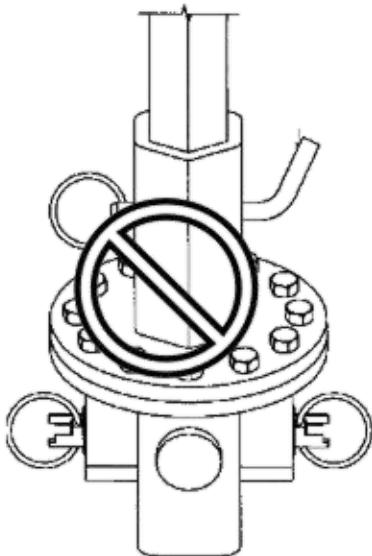


## Power Installed Screw Anchor

	PART NO.	CODE	BOLT CIRCLE (INCHES)
	65349071TU	PALOK	(6) 1/2" Holes on 5-1/2" bolt circle 10,000 FT/LB (hardware included)
	65349084TU	PAISK	(12) 5/8" Holes on 7-5/8" bolt circle 15,000 FT/LB (hardware included)

Adapts (AB Chance) power installed screw anchor (PISA) tools to drive hex on pilot end of Texoma™ Bullet Tooth Augers. Allows installation of PISA adapter without removing auger from kelly bar. Simply pin PISA tool into hex pilot socket on bottom of auger body. Tool adapts from 2-5/8" hex to AB Chance bolt pattern.

Replacement hardware part number:  
65353932TU (pin)  
9104109TU (flat head screw)  
5973TU (lock nut)



No need to remove auger from kelly bar.  
PISA adapter pins directly to auger.

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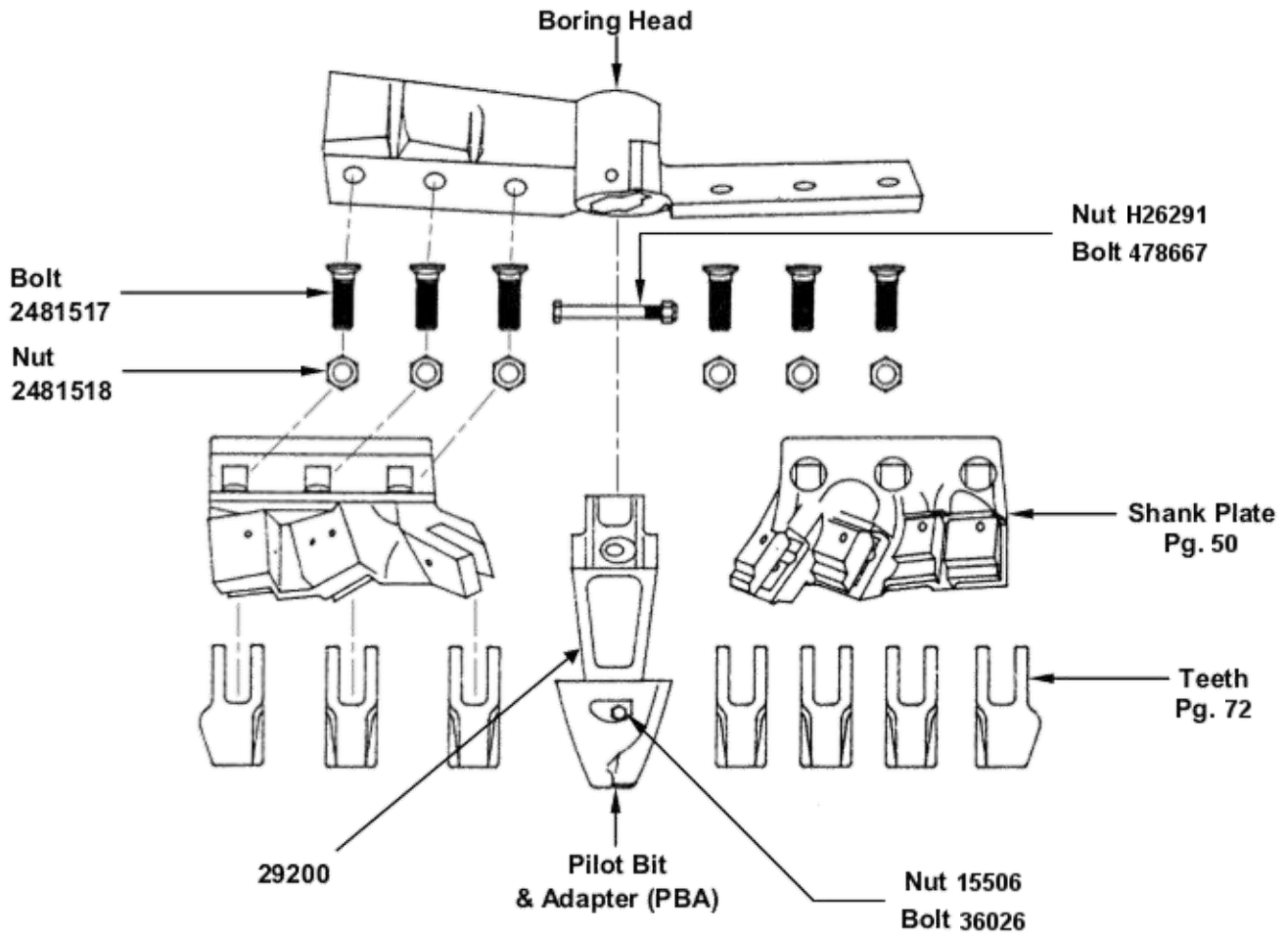
Effective Date:

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NOTE: Graphics are for reference only.

## Shank Plates & Boring Head, TX-Series









	PART NO.	DESCRIPTION	AUGER DIAMETER		TEETH REQUIRED	PLOW BOLTS	BORING HEAD
			inch	mm			
	2429301	TX810X	9 10	229 254	1 per shank	1	2479084
	2429302	TX12X	12	305	2 per shank	1	A079085
	2429224	TX145X	14	356	2 per shank	2	A079094
	2429189	TX16X1	16	406	2 per shank	2	A079086
	2429190	TX16X2	16	406	2 per shank	2	A079086
	2429220	TX18X1	18	457	3 per shank	2	A079083
	2429221	TX18X2	18	457	3 per shank	2	A079083

**Notes:**

- 1) Shank plates are sold individually and without teeth. Two plates are required per auger.
- 2) Teeth must be purchased separately.
- 3) Plow bolts are included with shank plate orders (PN 2481517 & 2481518)

NOTE: Graphics are for reference only.

## Shank Plates & Boring Head, TX-Series





	PART NO.	DESCRIPTION	AUGER DIAMETER		TEETH REQUIRED	PLOW BOLTS	BORING HEAD
			inch	mm			
	2429191	TX20X1	20	508	3 per shank	2	A079088
	2429192	TX20X2	20	508	3 per shank	2	A079088
	2429193	TX24X1	24	610	4 per shank	3	A079089
	29194	TX24X2	24	610	4 per shank	3	A079089
	65348648TU	TX26X1	26	711	4 per shank	4	65353778TU
	65348658TU	TX26X2	26	711	4 per shank	4	65353778TU
	29199	TX30X1	30	762	4 per shank	4	A079090
	29248	TX30X2	30	762	4 per shank	4	A079090

**Notes:**

- 1) Shank plates are sold individually and without teeth. Two plates are required per auger.
- 2) Teeth must be purchased separately.
- 3) Plow bolts are included with shank plate orders (PN 2481517 & 2481518)

NOTE: Graphics are for reference only.

## Shank Plates & Boring Head, TX-Series





	PART NO.	DESCRIPTION	AUGER DIAMETER		TEETH REQUIRED	PLOW BOLTS	BORING HEAD
			inch	mm			
	2429249	TX36X1	36	914	4 per shank	4	A079091
	2429250	TX36X2	36	914	4 per shank	4	A079091
	65340693	TX42X1	42	1067	6 per shank	6	65340692
	65340697	TX48X1	48	1219	7 per shank	6	65340696

**Notes:**

- 1) Shank plates are sold individually and without teeth. Two plates are required per auger.
- 2) Teeth must be purchased separately.
- 3) Plow bolts are included with shank plate orders (PN 2481517 & 2481518)

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## Shank Plates, TXCS Series

	PART NO.	DESCRIPTION	AUGER DIAMETER		BOLT SPACING		FLOW BOLTS
			inch	mm	inch	mm	
	2429960	C-016 Plate with C87 Teeth	16	406	2.38	61	2
	2429961	C-018 Plate with C87 Teeth	18	457	3.75	95	2
	2429962	C-020 Plate with C87 Teeth	20	508	4.43	113	2
	2429965	C-024-3 Plate with C87 Teeth	24	610	3.50	89	3

**Notes:**

- 1) Plates interchange on most competitor augers and come with teeth installed. Replacement tooth PN 2429914 (.87 series) for plates are sold individually. Two plates are required per auger assembly.
- 2) Plow bolts are included with shank plate orders (PN 2481517 & 2481518)

NOTE: Graphics are for reference only.

## Hex Hubs

	PART NO.	HEX HUB SIZE	
		Inch	mm
	A000748	2.00	51
	29641	2.50	64
	2470463	2.62	67
	A000474	3.00	76

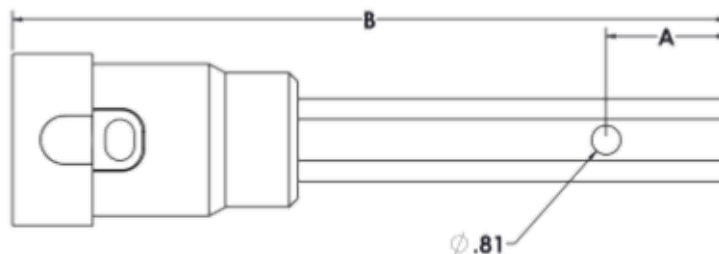
## Adapters, Kelly Bar, Hex

PART NO.	HUB SIZE		BAR SIZE		A		B		MAX TORQUE	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm	ft-lb	nm
A001113	2.00	51	2.50	64	3.38	86	20	508	12,000	16251
A000100	2.50	64	2.00	51	3.38	86	20	508	6,000	8126
A000853	2.50	64	2.62	67	3.38	86	20	508	6,000	8126
A000099	2.62	67	2.00	51	3.38	86	20	508	6,000	8126
A000561	2.62	67	2.50	64	3.38	86	20	508	12,000	16251
A001980	3.00	76	2.50	64	3.38	86	20	508	12,000	16251

**Notes:**

Kelly bar adapters are subject to a maximum drill torque.

\*See also Slip-On Couplers



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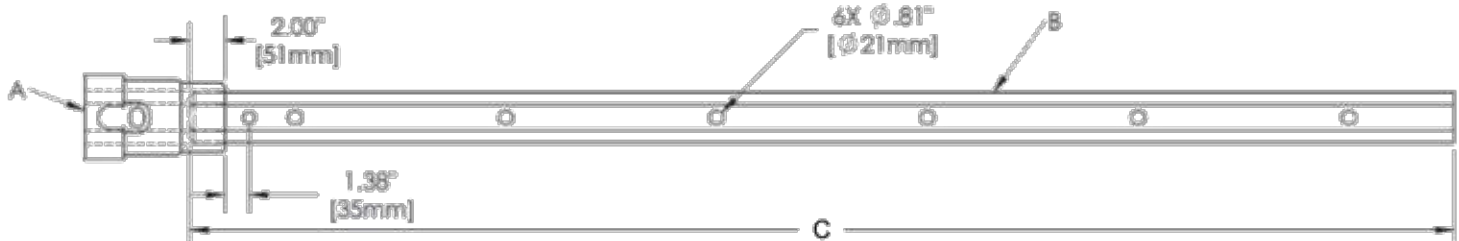


# Kelly Bar Extension, Hex

WELDMENT PART NO.	HEX HUB PART NO.	A		BAR PART NO.	B		C		MAX TORQUE	
		HEX HUB SIZE			BAR SIZE		BAR LENGTH		Ft-lb	Nm
		inch	mm		inch	mm	inch	mm		
N/A	N/A	N/A	N/A	*11579TU	2.00	67	60	1524	6,000	8126
80600	A000748	2.00	51	2480597	2.00	51	72	1829	6,000	8126
2484698	A000748	2.00	51	2484921	2.50	64	72	1829	12,000	16251
82154	29641	2.50	64	2480597	2.00	51	72	1829	6,000	8126
2471579	29641	2.50	64	2480598	2.50	64	72	1829	12,000	16251
65343450TU	29641	2.50	64	*9122145TU	2.50	64	60	1524	12,000	16251
2480601	29641	2.50	64	2480599	2.62	67	72	1829	14,000	19040
2481388	2470463	2.62	67	2480598	2.50	64	72	1829	12,000	16251
65347717TU	2470463	2.62	67	A000542	2.62	67	36	914	14,000	19040
65345762TU	2470463	2.62	67	*65357478TU	2.62	67	60	1524	14,000	19040
80602	2470463	2.62	67	2480599	2.62	67	72	1829	14,000	19040

Note: \* These solid kelly bars are heat treated alloy steel for high torque applications and are factory install on all Terex Digger Derricks.

Kelly bar extensions are subject to a maximum drill torque.



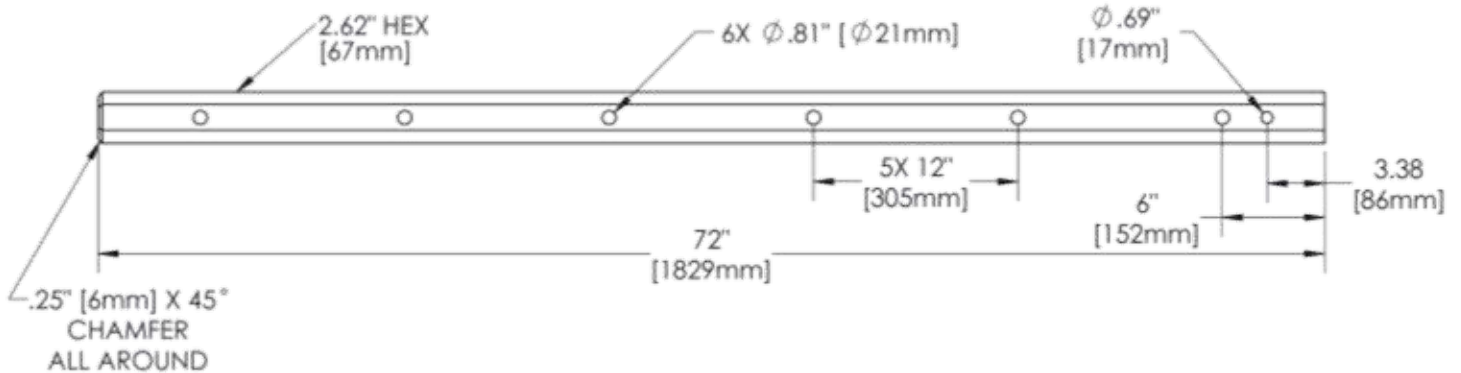
NOTE: Graphics are for reference only.

## Kelly Bar, Hex(Solid)

HEX BAR PART NO.	HEX SIZE		LENGTH	
	inch	mm	inch	mm
* 11579TU	2.00	51	60	1524
2480597	2.00	51	72	1829
* 9122145TU	2.50	64	60	1524
2480598	2.50	64 </td <td>72</td> <td>1829</td>	72	1829
** 54911TU	2.62	67	60	1524
65357478TU	2.62	67	60	1524
2480599	2.62	67	72	1829

Note:

\* These kelly bars are heat treated alloy steel for high torque applications and are factory install on all Terex Digger Derricks.



## Coupler Assembly

STYLE	*ASSY PART NO.	APPLICATION	HEX SIZE		HEX SIZE		COUPLER
			inch	mm	inch	mm	
S	45142TU	Mark I & Eskridge	2.00	51	2.00	51	41801
S	437927TU	Mark II, III, IV & Eskridge	2.00	51	2.62	67	78332
I	N/A	2 inch—2-5/8 inch Bushing	2.00	51	2.62	67	11448TU
C	9127787TU	Mark I, II & Eskridge	2.50	51	2.00	51	9127789
C	N/A	Mark II & Eskridge	2.50	64	2.50	63	9119389
S	431390TU	Mark II, III, IV & Eskridge	2.50	64	2.62	67	402332
S	45143TU	Mark II & Eskridge	2.62	64	2.62	67	65348631TU

\*Assemblies include retainer ring and hardware.

S = Slip-On

C=Clamp-On

I= Insert



NOTE: Graphics are for reference only.

## Extension / Screw Anchor Drive Tool (Hollow) with Slide-on Coupler

ASSEMBLY PART NO.	APPLICATION	COUPLER PART NO.	COUPLER INPUT SHAFT		KELLY BAR HEX		BAR PART NO.	KELLY BAR LENGTH	
			inch	mm	inch	mm		inch	mm
<b>44523TU</b>	1.62 dia hole thru (2.16 OD x 1.46 ID sq tube for driving anchors) For 1.38" screw drive	<b>78332TU</b>	2.00	51	2.62	67	<b>422108TU</b>	93.50	1105
<b>402331TU</b>	1.62 dia hole thru (2.16 OD x 1.46 ID sq tube for driving anchors) For 1.38" screw drive	<b>402332TU</b>	2.50	64	2.62	67	<b>422108TU</b>	93.50	1105
<b>402330TU</b>	1.62 dia hole thru (2.16 OD x 1.46 ID sq tube for driving anchors) For 1.38" screw drive	<b>41616TU</b>	2.62	67	2.62	67	<b>422108TU</b>	93.50	1105
<b>470331TU</b>	1.62 dia hole thru (2.16 OD x 1.54 ID sq tube for driving anchors) For 1.50" screw anchors	<b>41616TU</b>	2.62	67	2.62	67	<b>470332TU</b>	93.50	1105

### Application:





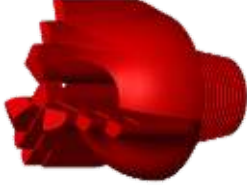

Hollow kelly bar with spring loaded cam action locking dogs allow it to be used as both an auger extension shaft and a screw anchor drive. This allows the screw anchor rod to be inserted directly into the kelly bar and eliminates the need for a screw anchor adapter.

- Eliminates lifting and handling of heavy screw anchor adapters
- Allows quicker screw anchor setup time
- Spring loaded cam action dogs allow one-man insertion of anchor rod.



NOTE: Graphics are for reference only.





## Standard Pilot Bits & Adapters

	TU PN	CODE	DESCRIPTION
	2429168	TX205D	Standard pilot on TXD series augers. Dirt, compacted soil, clay material.  Includes hardware PN 19148TU & 11487TU.
	29665	TX205C	Standard pilot on TXC series augers. For fractured & non-fracturable material,  Includes hardware PN 19148TU & 11487TU.
	29200	TX183	Pilot bit adapter, TX183, cast steel (standard with TX205C & TX205D)  Includes hardware 42675 & 5973.
	29936	C6 1/2 87 C387LR	Standard on TXCS series augers. Five replaceable C87 teeth (2429914). Replaceable center bit. (PN 29934)  Bolts directly to boring head; no adapter needed. Includes hardware PN 42675 & 5973.
	16845	TPB6	Standard on TRA/STEP/BLADE series augers. 4-3/4" cut diameter 2-3/8" API.  Use with 80342 sub.
	80342	Collar	Sub, pilot, 4" diameter, 2-3/8" API

*Table Continued on next page*

NOTE: Graphics are for reference only.

## Standard Pilot Bits & Adapters

	TU PN	CODE	DESCRIPTION
	65345795TU 65343336TU	TPB1-HEX	Standard for BTA series augers. 2-5/8" hex shank Four replaceable C10 teeth (65349085TU) Includes hardware PN 42675 & 5973  Use with 65343434 sub
	65357524TU	SPIRAL HEX	Standard for BTA spiral series augers. 2-5/8" hex shank Six replaceable teeth C10 (65349085TU) Includes hardware PN 42675 & 5973  Use with 65343434 sub
	65343434TU	TBA-HEX	Sub, 2-5/8" hex collar
	65345810TU	COR PILOT	Standard for digger derrick core barrel series. 2-5/8" hex coupler Four replaceable C10 teeth (65349085TU)

NOTE: When a cast option is available, this is the standard and is listed above the welded item number.

NOTE: Graphics are for reference only.

## Optional Pilot Bits & Adapters


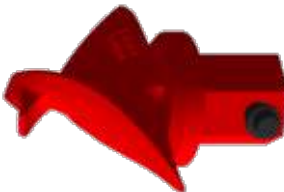


	TU PN	CODE	DESCRIPTION
	2429167	TX50D	Cast steel, replaceable TX50 & TX52 hardened steel teeth (2429171 & 2429429). For dirt, compacted soil, stiff clay, fracturable material & gravel application. 7-1/2" Cut diameter.  Bolts directly to boring head; no adapter needed. Includes hardware PN 42675 & 5973.
	85889	TX50C	Cast steel, replaceable TX50 & TX52 hardened steel teeth (A029225 & A029400). For fractured & non-fracturable material, hard pan, frozen soil, cement, limestone & conglomerates application. 7-1/2" Cut diameter.  Bolts directly to boring head; no adapter needed. Includes hardware PN 42675 & 5973.
	70797C 70797	TPB1	Optional on BTA series augers. 2-5/8" API Threads Four replaceable C10 teeth (65349085TU) 5-1/4" cut diameter.  Use with 80342 sub.
	A017437	TXBA9	Adapter, pilot bit. Bolts directly to boring head and allows use of all 2-5/8" API pin pilot bits.  Includes hardware PN 42675 & 5973.
	2429948	CP-16	Pilot bit, 2" cut with 1.00" NC thread
	29934	TXCP-18	Pilot bit, 2" cut with 1.25-5 Acme threads.
	A000142	CP-18 Collar	Pilot chuck, 1.25-5 STPE

NOTE: When a cast option is available, this is the standard and is listed above the welded item number.

NOTE: Graphics are for reference only.

*Table Continued on next page*

## Optional Pilot Bits & Adapters

	TU PN	CODE	DESCRIPTION
	65354183TU	SPIRAL HEX	<p>BTA series augers Six replaceable C30 teeth (A001537) 2-5/8" hex shank 8-1/2" cut diameter</p> <p>Use with 65343434 sub Includes hardware PN 42675 &amp; 5973</p>
	65350998TU	DIRT PILOT	<p>BTA series augers Fishtail bit, 2-5/8" hex shank 8" cut diameter.</p> <p>Use with 65343434 sub Includes hardware PN 42675 &amp; 5973</p>
	65342191TU A002044	TPB1-1-3/4"	<p>BTA series augers Four replaceable C10 teeth (65349085TU) 1-3/4" square shank 5-1/4" cut diameter</p> <p>Use with 2429894 sub Includes hardware PN 42675 &amp; 5973</p>
	2429894	TBA-175	Sub, 1-3/4" square collar

NOTE: When a cast option is available, this is the standard and is listed above the welded item number.

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