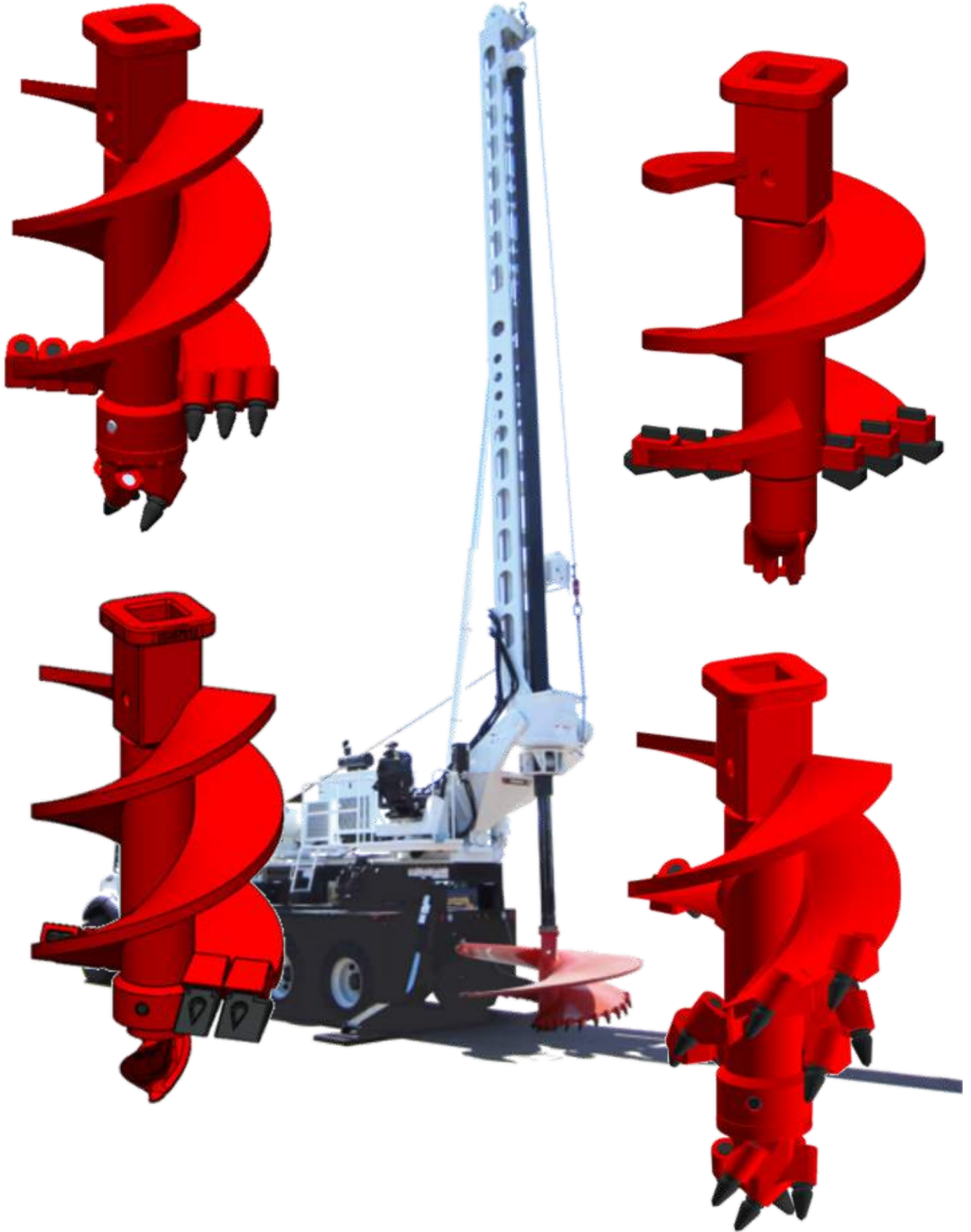


HD/XHD FOUNDATION AUGER TOOLS











HD/XHD Foundation Auger Tools

DIAMETER	
Inch	mm
12	305
18	457
20	508
22	559
24	610
26	660
30	762
36	914
42	1067
48	1219
54	1372
60	1524
72	1829
84	2134
96	2438

FLIGHT THICKNESS	DESCRIPTION
1"	HD (Heavy Duty)
1.5"	XHD (Extra Heavy Duty)

Custom Options Available upon request.

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

	AUGER TYPE	DESCRIPTION
	BULLET (BTR)	BULLET TEETH
	SPIRAL (BTRSP)	BULLET TEETH
	BLADE	BLADE TEETH
	DIRT	DIRT TEETH
	FLIGHTING STYLE	DESCRIPTION
	SR	SINGLE ROW
	DR	DOUBLE ROW
	FLIGHTING STYLE	DESCRIPTION
	SF	SINGLE FLIGHT
	DF	DOUBLE FLIGHT
	CUT STYLE	DESCRIPTION
	SC	SINGLE CUT
	DC	DOUBLE CUT
	TC	TRIPLE CUT
	BOX STYLE	DESCRIPTION
	NR	NON-RECESSED
	R	RECESSED

Bullet Tooth Rock Auger (BTR)

Key Product Features:

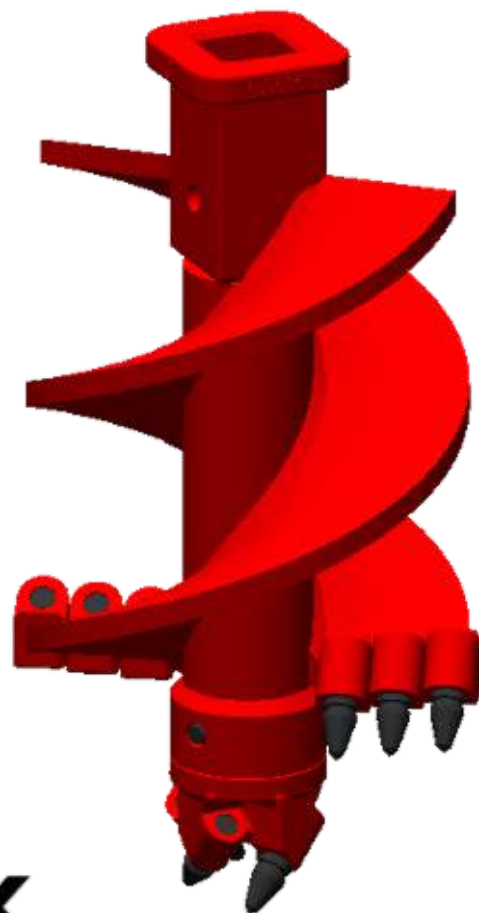
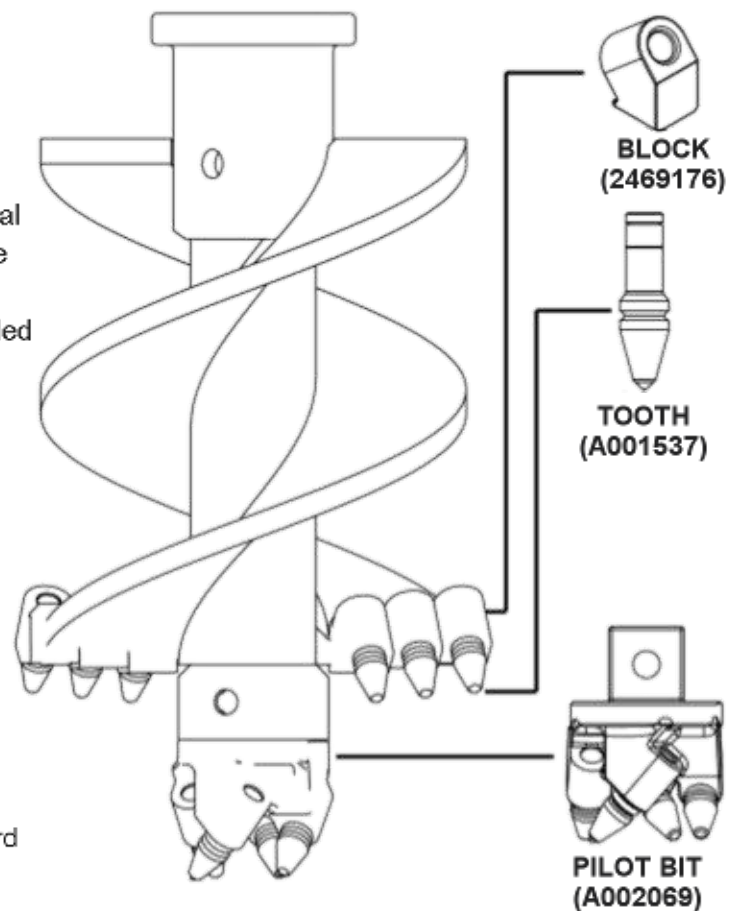
- Standard Heavy Duty 1" Flighting
- Extra Heavy Duty 1-1/2" flighting available
- Square Drive Pilot Bit
- Flighting pitch is engineered to enhance material flow from both the tooth cutting area to increase productivity.
- Tooth Angles and location are precisely controlled to improve tooth penetration providing superior productivity and tooth life.
- Pilot Bits 65342191TU for 12" diameter and smaller, A002069 for 16" diameter and larger.

Optional Features:

- Various sizes, types of teeth, and pilot bits available.
- Recessed kelly box

Application:

Terex® Texoma™ Bullet Tooth Rock augers are designed to improve drill footage in medium to hard limestone and sandstone, cobbles, boulders and fractural rock formations.



Spiral Bullet Tooth Auger (BTRSP)

Key Product Features:

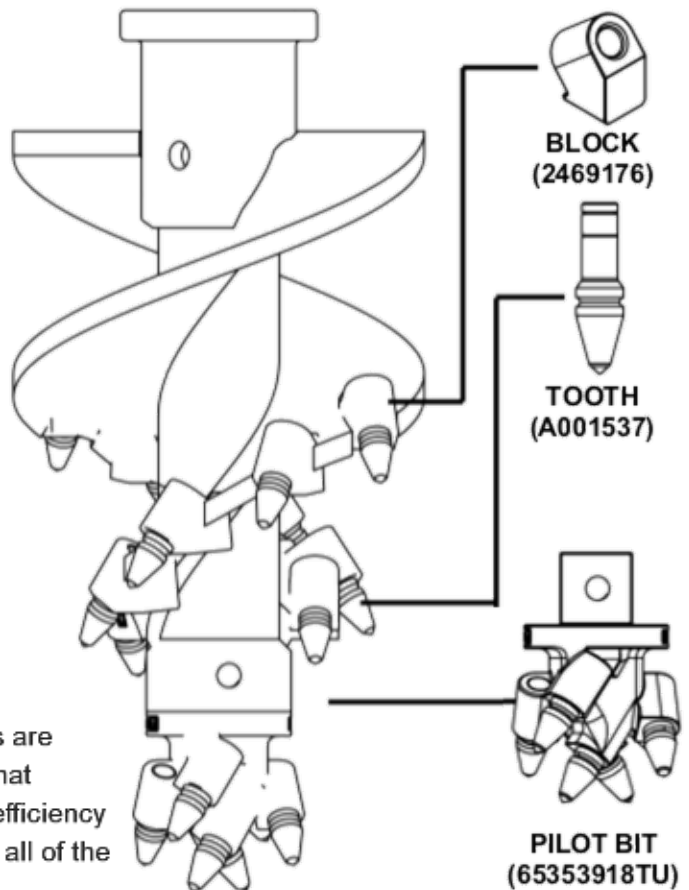
- Standard Heavy Duty 1" Flighting
- Extra Heavy Duty 1-1/2" flighting available
- Square Drive Pilot Bit
- Flighting pitch is engineered to enhance material flow from both the tooth cutting area to increase productivity.
- Tooth Angles and location are precisely controlled to improve tooth penetration providing superior productivity and tooth life.

Optional Features:

- Various sizes, types of teeth, and pilot bits available.
- Recessed kelly box

Application:

Terex® Texoma™ Spiral Bullet Tooth Rock Augers are designed specifically with a unique tooth pattern that distributes the cutting action. To increase cutting efficiency and tooth life in the most extreme conditions, with all of the Standard Terex tooth offerings.



Blade Auger

Key Product Features:

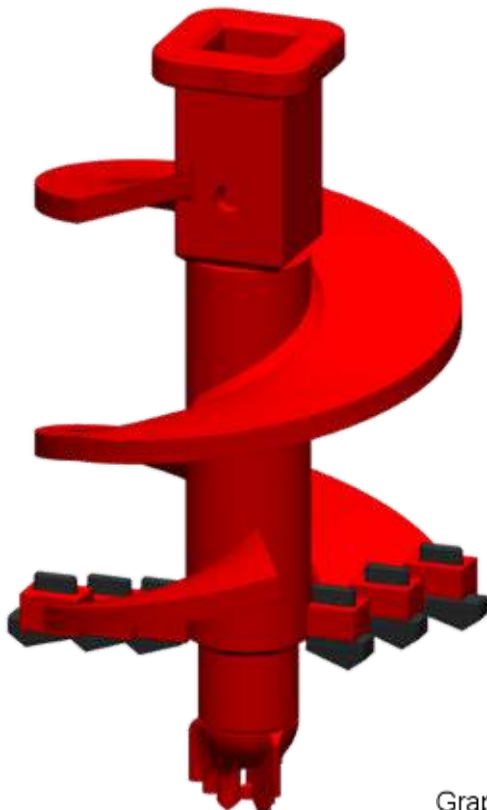
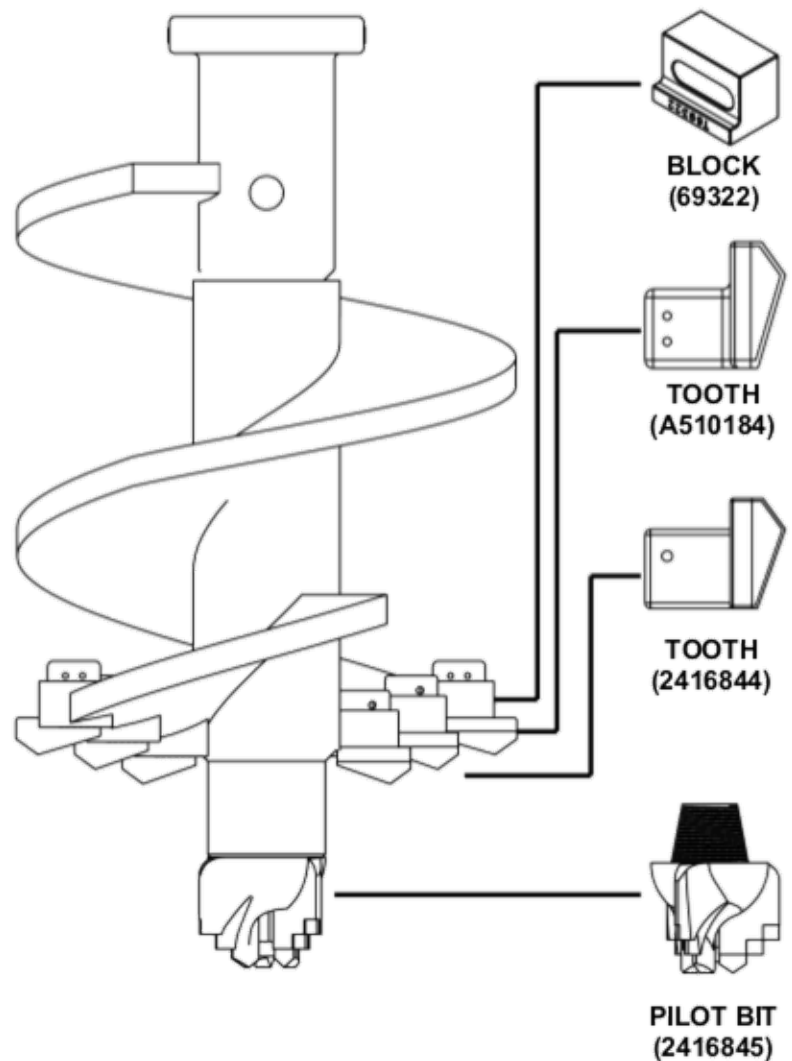
- Standard Heavy Duty 1" Flighting
- Extra Heavy Duty 1 1/2" Flighting available
- 2 3/8" Threaded Carbide Pilot
- Flighting pitch is engineered to enhance material flow from the tooth cutting area to increase productivity.
- Tooth angles and location are precisely controlled to improve tooth penetration providing superior productivity and tooth life.

Optional Features:

- Various sizes, types of teeth, and pilot bits available
- Recessed Kelly Box

Application:

Terex® Texoma™ Blade Augers are designed to improve drill footage in solid/non-fractured limestone and sandstone rock formations.



Optional Dirt
Tooth
(17318)



Optional Dirt
Pilot Bit
(A000132)

Graphics are for reference only.

Dirt Auger

Key Product Features:

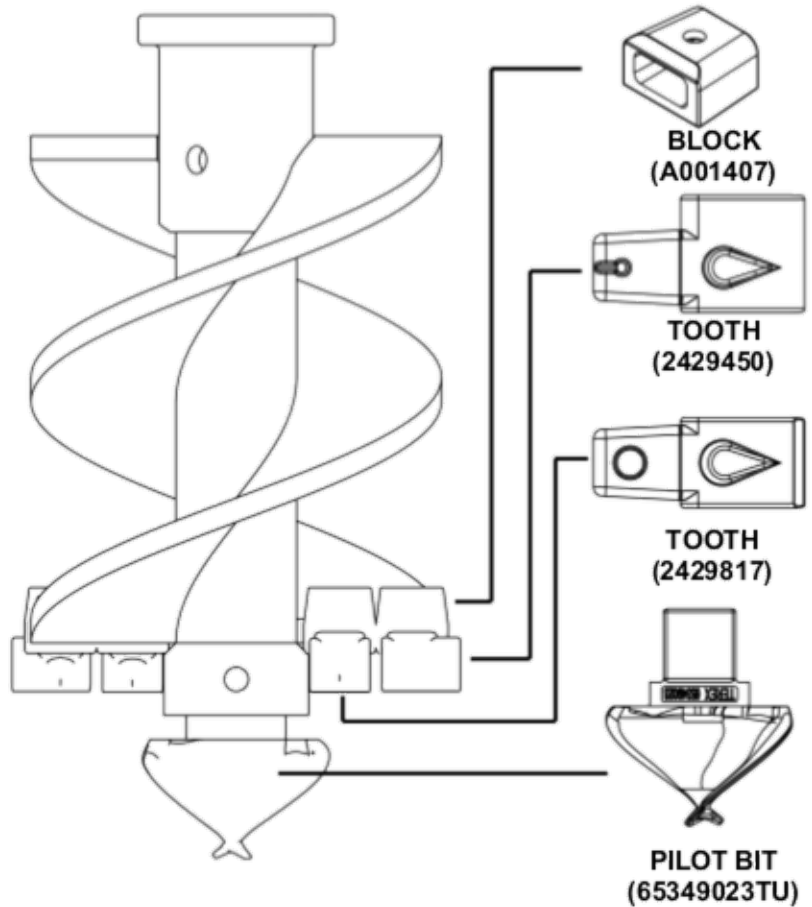
- Standard Heavy Duty 1" Flighting
- Extra Heavy Duty 1 1/2" Flighting available
- Square Drive Pilot Bit
- Flighting pitch is engineered to enhance material flow from the tooth cutting area to increase productivity.
- Tooth angles and location are precisely controlled to improve tooth penetration providing superior productivity and tooth life.

Optional Features:






- Various sizes, types of teeth, and pilot bits available
- Recessed Kelly Box

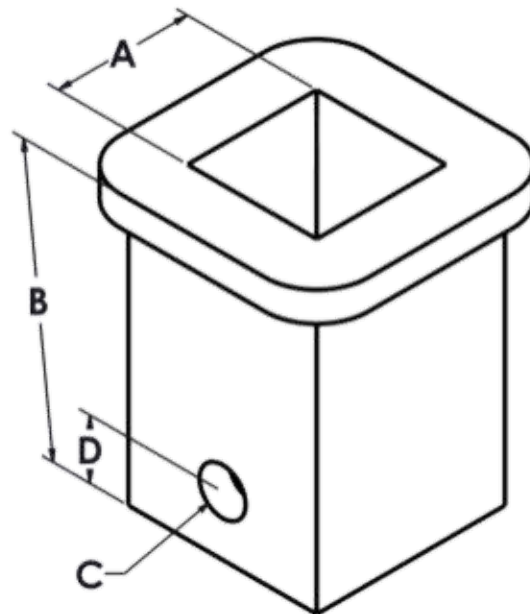
Application:

Terex® Texoma™ Dirt Augers are designed to improve drill footage in loose to compacted soils, stiff clay, loose gravel and soft shale.



Kelly Box with holes

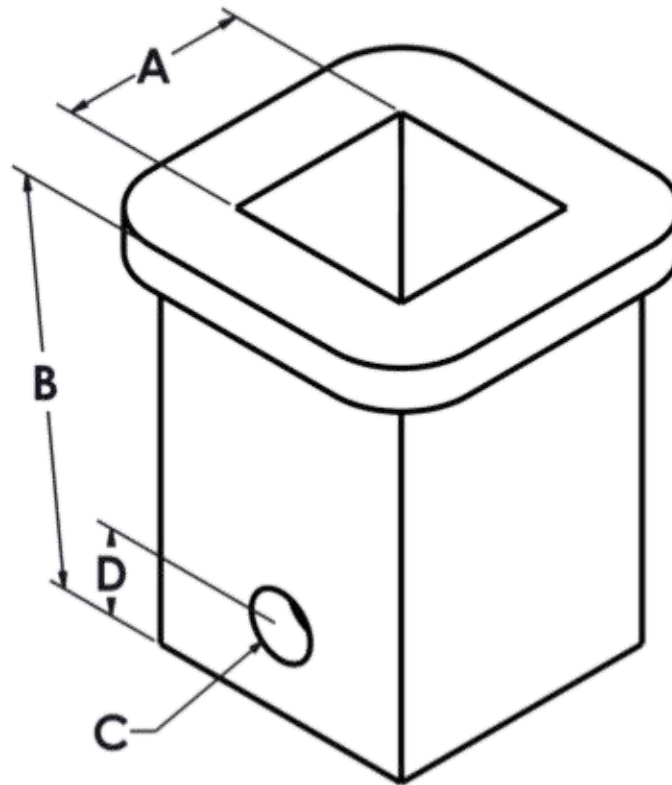
	PART NO.	A		B		C		D	
		NOMINAL KELLY BOX		OVERALL HEIGHT		HOLE DIAMETER		HOLE LOCATION	
		inch	mm	inch	mm	inch	mm	inch	mm
	A002083 3" box	3.13	80	8.00	203	1.13	29	2.00	51
	A000429 3-1/2" box	3.63	92	10.00	254	1.13	29	2.00	51
	A002087 4-1/4" box	4.38	111	10.00	254	1.56	40	2.00	51
	A002077 5-1/8" box	5.25	133	10.00	254	1.63	41	2.00 5.00	51 127
	A002079 5-1/4" box	5.38	137	10.00	254	1.38	35	2.00	51



NOTE: Other configurations (hole sizes/locations & slots) available upon request.
Graphics are for reference only.

Kelly Box with holes

	PART NO.	A		B		C		D	
		NOMINAL KELLY BOX		OVERALL HEIGHT		HOLE DIAMETER		HOLE LOCATION	
		inch	mm	inch	mm	inch	mm	inch	mm
	A002081 7" box	7.13	178	10.00	254	1.75	44	2.38 5.25	60 133
	A000873 7-1/4" box	7.38	184	12.00	305	1.63, 1.63	41, 41	2.00 6.00	51 152
	A002067 8" box	8.13	203	22.00	559	1.88, 2.81	48, 71	1.88 6.75 10.75	48 171 273

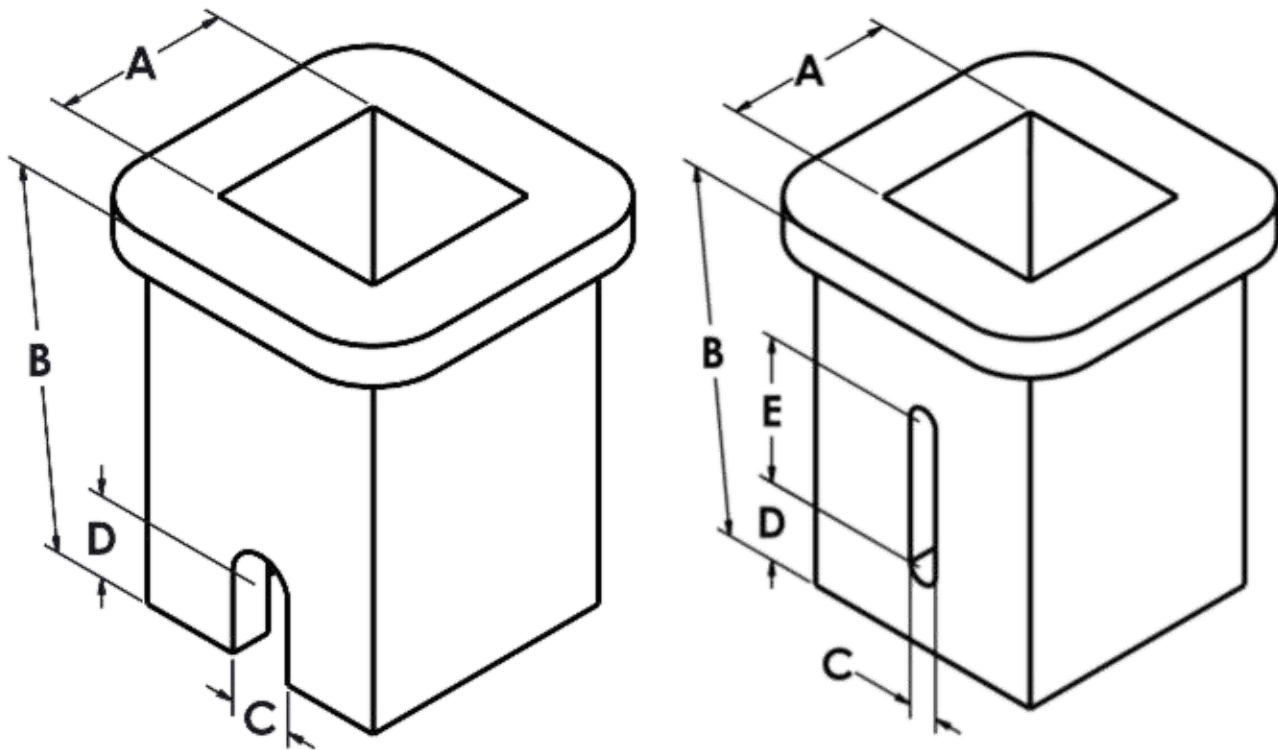


NOTE: Other configurations (*hole sizes/locations & slots*) available upon request.
Graphics are for reference only.

Kelly Box with slots

	PART NO.	A		B		C		D		E	
		NOMINAL KELLY BOX I.D.		OVERALL HEIGHT		SLOT DIAMETER		SLOT LOCATION		SLOT LENGTH	
		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
	A002085 4" box	4.13	105	10.00	254	1.13	29	2.00	51	NA	NA
	65345837TU 5-1/4" box	5.38	137	10.00	254	.75	19	1.88	48	4.13	105
	A000081 6" box	6.13	156	10.50	267	1.13	29	2.56	65	3.38	86





Note: *This box for use with 1" Dia. round pin. Slot is provided to allow easy clean-out of Kelly Box.



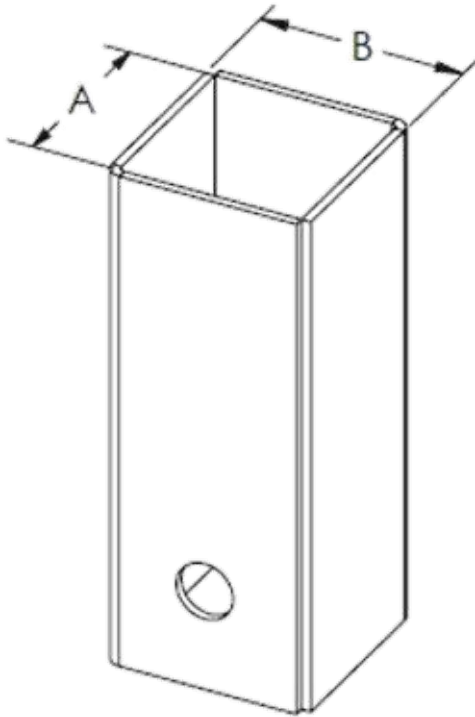
hardware NOT included

NOTE: Other configurations (hole sizes/locations & slots) available upon request. Graphics are for reference only.

Kelly Box Shim

	PART NO.	A		B		APPLICATION
		NOMINAL I.D		NOMINAL O.D.		
		Inch	mm	Inch	mm	
	65354105TU	2.63	67	3.00	76	3"(76) KELLY BOX TO 2-1/2"(67)KELLY BAR
	65349007TU	3.12	79	4.00	102	4"(102) KELLY BOX TO 3"(79)KELLY BAR
	65349008TU	3.62	92	4.00	102	4"(102)KELLY BOX TO 3-1/2"(92)KELLY BAR
	65349029TU	3.62	92	5.25	133	5-1/4"(133) KELLY BOX TO 3-1/2"(92) KELLY BAR

NOTE: Other configurations (hole sizes/locations & slots) available upon request.



Graphics are for reference only.



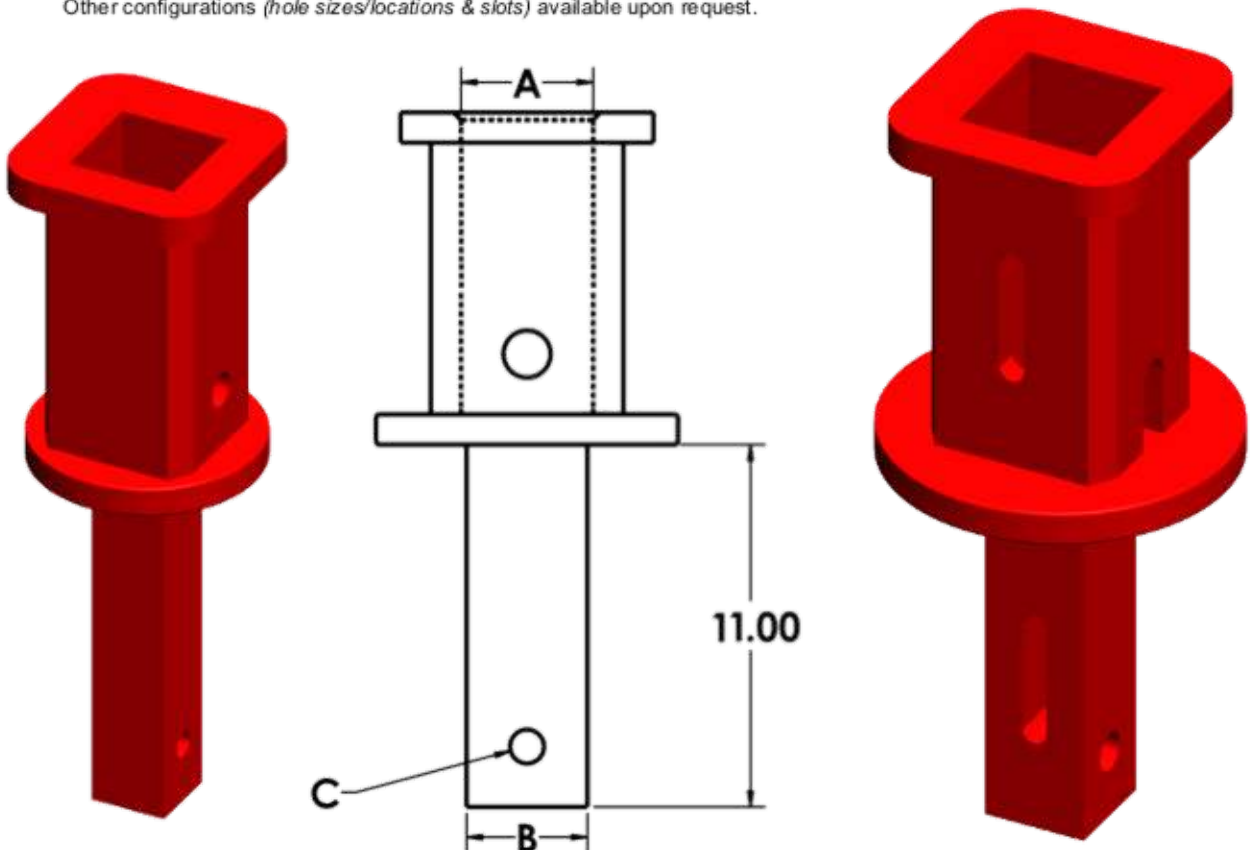
Adapter, Kelly Bar

PART NO.	A		B		C		MAX TORQUE	
	KELLY BOX SIZE		BAR SIZE		HOLE DIAMETER		Ft-lb	nm
	inch	mm	inch	mm	inch	mm		
29835	2.50	64	2.50	64	1.13	29	32,000	43386
2419088	3.00	76	2.50	64	0.88	22	32,000	43386
A001797	3.00	76	3.50	89	1.13	29	45,000	60943
2437833	3.00	76	4.00	102	1.13	29	67,000	90737
A000704	3.50	89	2.50	64	0.88	22	32,000	43386
A000354	3.50	89	3.00	76	1.13	29	45,000	60943
A001800	3.50	89	4.00	102	1.13	29	67,000	90737
2429385	4.00	102	3.00	76	1.13	29	45,000	60943
68482	4.00	102	3.50	89	1.13	29	45,000	60943
65347713TU	4.00	102	4.25	108	1.13	29	75,000	101571
A001659	4.25	108	4.00	102	1.13	29	67,000	90737
65349106TU	4.50	114	3.50	89	1.13	29	45,000	60943
A001819	4.50	114	4.00	102	1.13	29	67,000	90737
65347779TU	5.13	130	4.00	102	1.13	29	67,000	90737
65351010TU	5.13	130	4.25	108	1.13	29	75,000	101571
A000750	5.25	133	3.50	89	1.13	29	45,000	60943
A000046	5.25	133	4.00	102	1.13	29	67,000	90737
2474055	5.25	133	4.25	108	1.13	29	75,000	101571
A000197	6.00	152	4.00	102	1.13	29	67,000	90737
A000781	7.00	178	4.00	102	1.13	29	67,000	90737
A001782	8.00	203	5.25	133	1.38	35	118,000	159805

NOTE:

Kelly bar adapters are subject to a maximum drill torque.

Other configurations (*hole sizes/locations & slots*) available upon request.



Graphics are for reference only.



Extension, Kelly Bar, Square

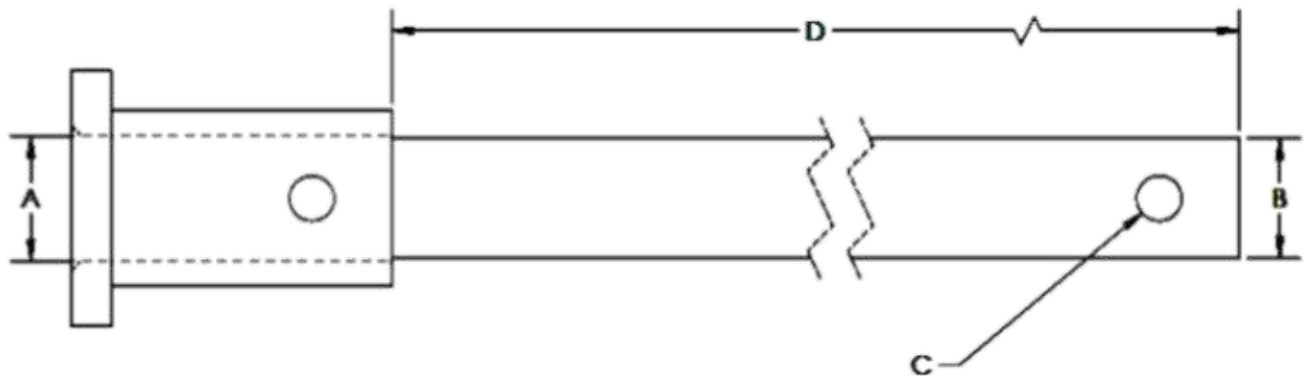
PART NO.	A		B		C		D		MAX TORQUE	
	KELLY BOX SIZE		BAR SIZE		DIAMETER		BAR LENGTH		Ft-lb	nm
	inch	mm	inch	mm	inch	mm	inch	mm		
2447927	2.50	64	2.50	64	0.88	22	48.00	1219	32,000	43386
65343326TU	3.00	76	2.50	64	0.88	22	48.00	1219	32,000	43386
11850	3.00	76	3.00	76	1.13	29	24.00	610	45,000	60943
2429849	3.00	76	3.00	76	1.13	29	36.00	914	45,000	60943
2429841	3.00	76	3.00	76	1.13	29	60.00	1524	45,000	60943
A000073	3.00	89	3.50	89	1.13	29	36.00	914	45,000	60943
A000492	3.50	89	3.50	89	1.13	29	36.00	914	45,000	60943
65355081TU	4.00	102	4.00	102	1.13	29	36.00	914	118,000	159805

NOTE:

Kelly bar extensions are subject to a maximum drill torque.

Other configurations (*hole sizes/locations & slots*) available upon request.

Hole location on the extension is the same as hole location on the kelly box.







Graphics for reference only.









WORKS FOR YOU.™

Pilot Bits & Subs (1-3/4" Square Shank)

	PART NO.	CODE	DESCRIPTION
	65342191TU A002044	TPB1-175	Standard on BTR series augers 12" in diameter and smaller. Four replaceable C10 teeth (PN 65349085TU). 5-1/4" cut diameter. Use with 2429894 sub. Includes hardware PN 42675 & 5973.
	A000818	Pilot	Pilot bit, fishtail, 1-3/4" square shank. 6" cut diameter. Use with 2429894 sub. Includes hardware PN 42675 & 5973.
	29896	TPB8	Standard on dirt series augers 12" in diameter or less. 8" cut diameter. Use with 2429894 sub. Includes hardware PN 42675 & 5973.
	2429894	Collar	Sub, 1-3/4" square.

NOTE: When a cast option is available, this is the standard and is listed above the welded item number.
Graphics are for reference only.

Pilot Bits & Subs (3" Square Shank)

	PART NO.	CODE	DESCRIPTION
	A002069 A001351	Pilot	Standard on BTR series augers 14" in diameter and larger. Four C30 replaceable teeth (PN A001537). 6-3/4" cut diameter Use with A000001 sub. *Includes pin-in hardware
	65353918TU	Spiral	Standard on all BTR Spiral pressure tools. Six replaceable C30 teeth (6 A001537) 7-1/2" cut diameter. Use with A000001 sub. *Includes pin-in hardware
	A001678	Pilot	Standard on BTRXHD series augers. Three replaceable C43T teeth (2 A001401 & 1 2429927). 8-1/2" cut diameter. Use with A000001 sub. Includes hardware PN A002034 & A002035.
	65349023TU	Pilot	Standard on dirt series augers 16" to 84" in diameter. 8" cut diameter. Use with A000001 sub. *Includes pin-in hardware
	A002043	Pilot	Standard on dirt series augers. 96" and larger in diameter. 11" cut diameter. Use with A000001 sub. *Includes pin-in hardware
	A000001	Collar	Sub, 3" square

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

*Pin in hardware
65343310TU — Pin
65343311TU — Retainer Sleeve
65350996TU — O-Ring






Graphics are for reference only.

Pilot Bits & Subs (2-3/8" API Threaded)

	PART NO.	CODE	DESCRIPTION
	16845	TPB6	Standard on BLADE (TRA) series augers. 4-3/4" cut diameter. Use with 80342 sub.
	70797C 70797	TPB1	Optional on BTR series augers. Four replaceable C10 teeth, (PN 65349085TU) 5-1/4" cut diameter. Use with 80342 sub.
	65356030TU	Spiral	Optional on BTR series augers. Six replaceable C10 teeth, (PN 65349085TU) 6-1/4" cut diameter. Use with 80342 sub.
	65352005TU	Spiral	Optional on BTR series augers. Six replaceable C20 teeth, (PN 2429897) 6-1/4" cut diameter. Use with 80342 sub.
	65342406	Pilot	Optional on BTR series augers. Four replaceable C30 teeth, (PN A001537) 6-3/4" cut diameter. Use with 80342 sub.
	A000870	PB87	Optional on BTR series augers. Four replaceable C87 teeth, (PN 2429914) 4-1/2" cut diameter Use with 80342 sub.
	A000132	TPB9	Optional on BTR series augers.. 6" cut diameter. Use with 80342 sub.
	80342	Collar	Sub, pilot, 4" diameter, 2-3/8" API






NOTE: When a cast option is available, this is the standard and is listed above the welded item number.
Graphics are for reference only.

Pilot Bits & Subs (2-7/8" API Threaded)

	PART NO.	CODE	DESCRIPTION
	65355221	Spiral Pilot	Six replaceable C20 teeth (PN 2429897) 6-1/4" cut diameter. Use with A000905 sub.
	A000871	Pilot	Three replaceable C30 teeth (PN A001537). 5-1/2" cut diameter. Use with A000905 sub.
	65342192TU 65342128TU	Pilot	Four replaceable C30 teeth (PN A001537). 6-1/2" cut diameter. Use with A000905 sub.
	A001081	Pilot	Two replaceable C4 teeth, (PN 2429927). 5-1/4" cut diameter. Use with A000905 sub.
	A000905	Collar	Sub, 2-7/8" API







NOTE: When a cast option is available, this is the standard and is listed above the welded item number.
Graphics are for reference only.

Pilot Bits & Subs (2-7/8" IF Threaded)

	PART NO.	CODE	DESCRIPTION
	A000934	Pilot	Replaceable C87 teeth, (PN 65356913TU). Replaceable center bit. (PN 29934) 6-1/4" cut diameter. Use with A000930 sub.
	A001077	Pilot	Replaceable C30 teeth, (PN A001537) 5-1/2" cut diameter. Use with A000930 sub.
	A000928	Pilot	Replaceable C30 teeth, (PN A001537). 5-1/2" cut diameter. Use with A000930 sub.
	A001083	Pilot	Replaceable C4 teeth, (PN A029927). 5-1/2" cut diameter. Use with A000930 sub.
	A000930	Collar	Sub, 2-7/8" IF

Graphics are for reference only.

Pins

	PART NO.	CODE	DESCRIPTION
	A001970	Pin	Pin, 1-3/4" square shank Use with PN 2429894 sub.
	A000011	Pin	Pin, 2-3/8" API Threads Use with PN 80342 sub.
	65343334	Pin	Pin, 2-5/8" hex shank Use with PN 65343434 sub.
	A000906	Pin	Pin, 2-7/8" API Threads Use with PN A000905 sub.
	A000929	Pin	Pin, 2-7/8" IF Threads Use with PN A000930 sub.
	A001862	Pin	Pin, 3" square shank Use with PN A000001 sub.

Graphics are for reference only.