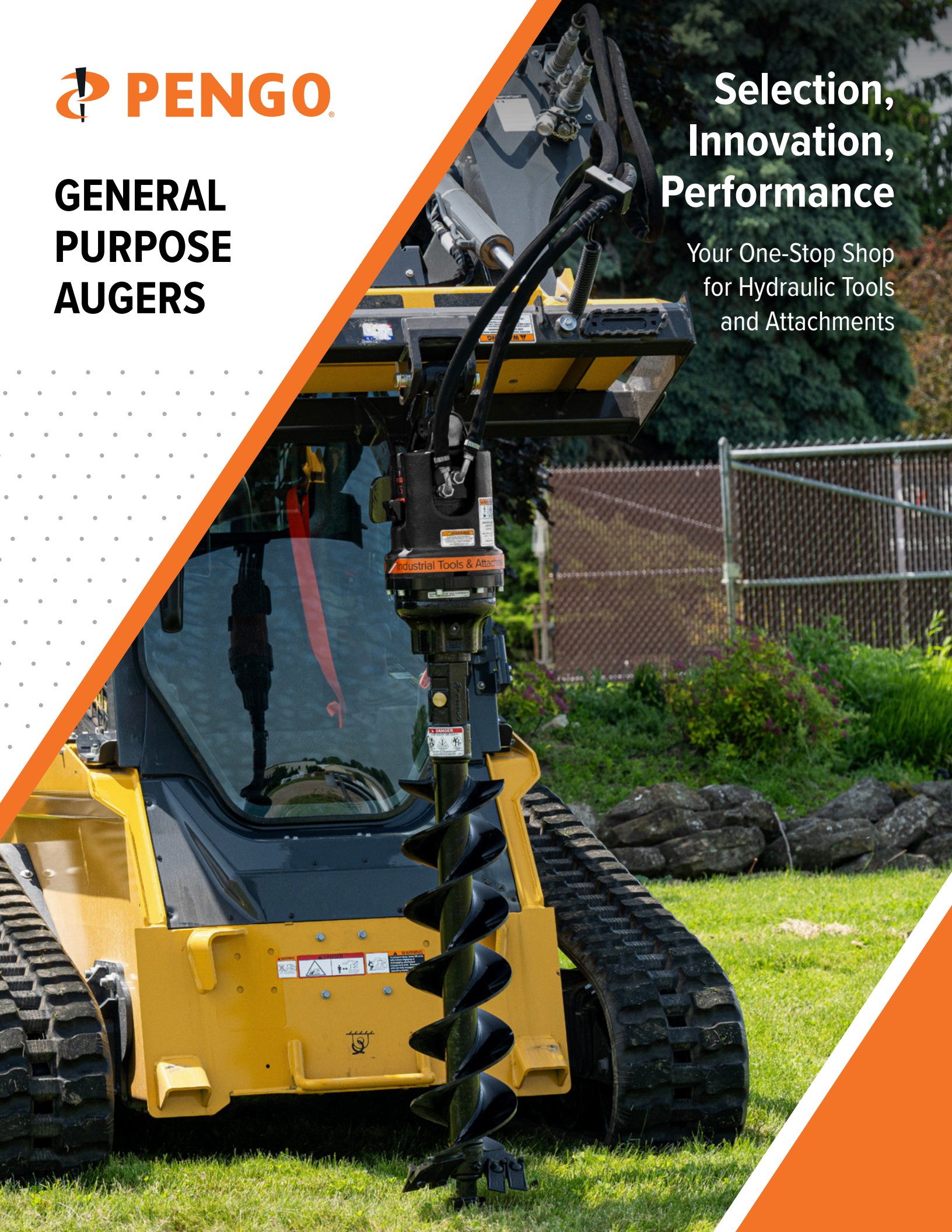




GENERAL PURPOSE AUGERS

**Selection,
Innovation,
Performance**

Your One-Stop Shop
for Hydraulic Tools
and Attachments







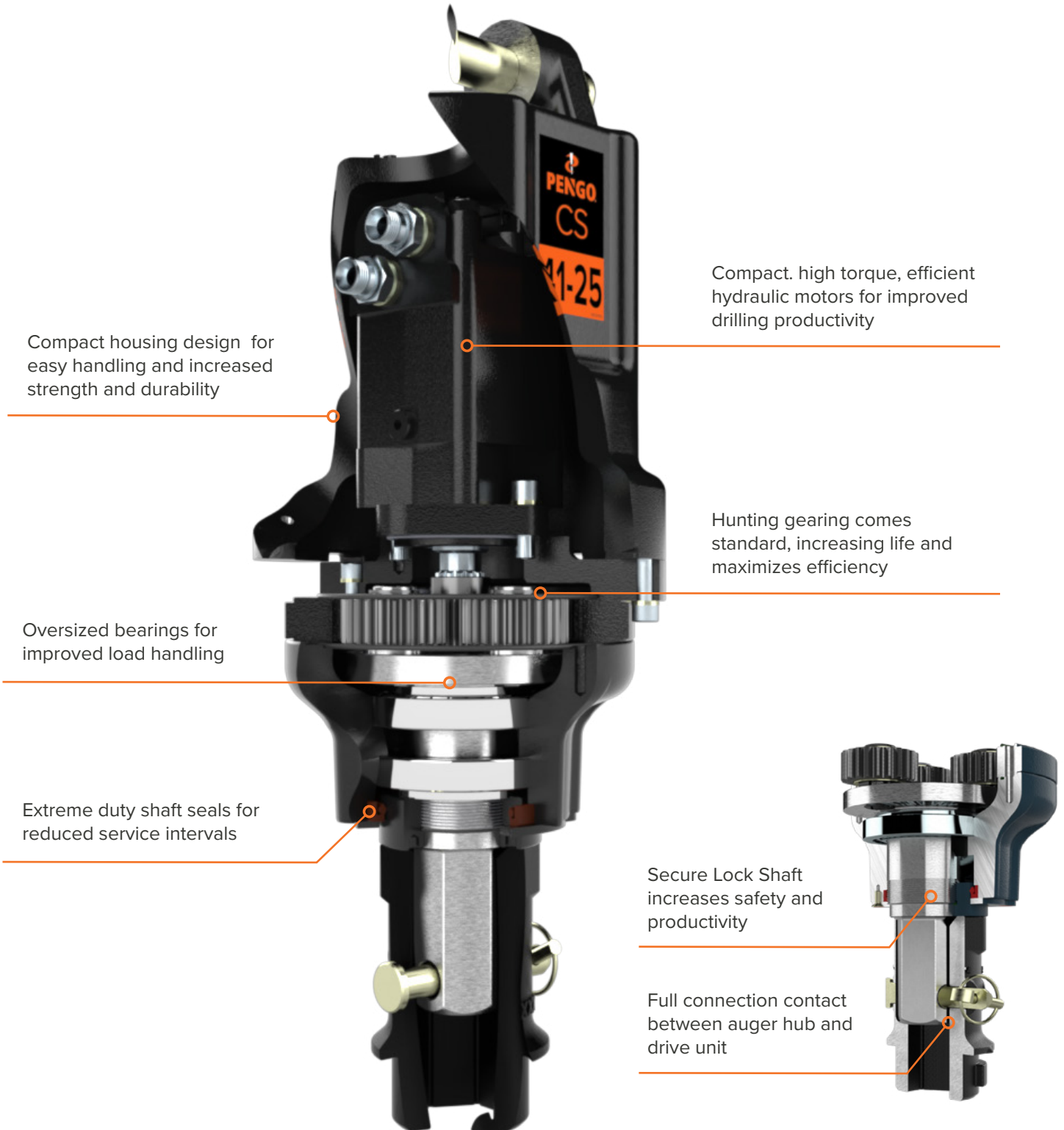
PENGO®

Pengo® Signature tools have been on the jobsite since 1950. Over this period Pengo has provided countless drilling solutions and introduced over 70 ground breaking patents and industry leading innovation.

The original Pengo Earth Auger was developed by Peterson Engineering Company for use in their “Transmission Line Construction Department”, this pioneering auger was created based on the need to drill what was known as “impossible ground conditions”.

CS SERIES AUGER DRIVE

The Pengo CS Series delivers dependable, high-torque drilling power in a compact, easy-to-handle design. With advanced gearing, oversized bearings, and a Secure Lock Shaft system, the CS Series is engineered for long life, low maintenance, and maximum productivity across tough soil conditions.



CS SERIES AUGER DRIVE

SPECIFICATIONS



	CS 11-12	CS 16-15	CS 20-17	CS 22-20	CS 28-22	CS 35-25
CARRIER WEIGHT MIN	1.8 K-LBS	2.2 K-LBS	4.4 K-LBS	5.5 K-LBS	6.6 K-LBS	6.6 K-LBS
CARRIER WEIGHT MAX	3.3 K-LBS	5.5 K-LBS	6.6 K-LBS	8.8 K-LBS	9.9 K-LBS	11.0 K-LBS
PRODUCT WEIGHT	130 LBS	130 LBS	130 LBS	156 LBS	156 LBS	158 LBS
OIL FLOW RATE MIN	5.3 GPM	6.6 GPM	9.2 GPM	9.2 GPM	10.6 GPM	10.6 GPM
OIL FLOW RATE MAX	11.9 GPM	14.5 GPM	17.2 GPM	19.8 GPM	22.5 GPM	25.1 GPM
OIL PRESSURE MIN	2031 PSI	2031 PSI	2031 PSI	2321 PSI	2321 PSI	2321 PSI
OIL PRESSURE MAX	3046 PSI	3481 PSI	3481 PSI	3771 PSI	3771 PSI	3771 PSI
ROTATIONAL SPEED MIN	45 RPM	45 RPM	51 RPM	48 RPM	44 RPM	35 RPM
ROTATIONAL SPEED MAX	101 RPM	98 RPM	94 RPM	103 RPM	93 RPM	83 RPM
OUTPUT TORQUE MIN	734 FT-LBS	918 FT-LBS	1138 FT-LBS	1362 FT-LBS	1716 FT-LBS	2149 FT-LBS
OUTPUT TORQUE MAX	1101 FT-LBS	1574 FT-LBS	1952 FT-LBS	2213 FT-LBS	2788 FT-LBS	3492 FT-LBS
CASE PRESSURE MAX	508 PSI	551 PSI	580 PSI	580 PSI	653 PSI	580 PSI

SHAFT TYPE	2 IN. HEX / 2.563 IN. ROUND	2 IN. HEX / 2.563 IN. ROUND	2 IN. HEX / 2.563 IN. ROUND	2 IN. HEX / 2.563 IN. ROUND	2 IN. HEX / 2.563 IN. ROUND	2 IN. HEX / 2.563 IN. ROUND
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	CS 41-25	CS 38-30	CS 49-36	CS 39-37	CS 49-45	CS 62-48
CARRIER WEIGHT MIN	6.6 K-LBS	8.8 K-LBS	9.9 K-LBS	8.8 K-LBS	11.0 K-LBS	15.4 K-LBS
CARRIER WEIGHT MAX	12.1 K-LBS	13.2 K-LBS	15.4 K-LBS	13.2 K-LBS	17.6 K-LBS	22.0 K-LBS
PRODUCT WEIGHT	161 LBS	253 LBS	255 LBS	268 LBS	271 LBS	273 LBS
OIL FLOW RATE MIN	10.6 GPM	15.9 GPM	18.5 GPM	15.9 GPM	18.5 GPM	18.5 GPM
OIL FLOW RATE MAX	25.1 GPM	30.4 GPM	34.3 GPM	37.0 GPM	39.6 GPM	42.3 GPM
OIL PRESSURE MIN	2321 PSI	2321 PSI	2321 PSI	2321 PSI	2321 PSI	2031 PSI
OIL PRESSURE MAX	3771 PSI	3771 PSI	3771 PSI	3771 PSI	3771 PSI	3771 PSI
ROTATIONAL SPEED MIN	27 RPM	47 RPM	44 RPM	51 RPM	49 RPM	39 RPM
ROTATIONAL SPEED MAX	65 RPM	91 RPM	81 RPM	118 RPM	105 RPM	89 RPM
OUTPUT TORQUE MIN	2539 FT-LBS	2364 FT-LBS	3025 FT-LBS	2394 FT-LBS	3031 FT-LBS	3203 FT-LBS
OUTPUT TORQUE MAX	4125 FT-LBS	3841 FT-LBS	4916 FT-LBS	3890 FT-LBS	4925 FT-LBS	5948 FT-LBS
CASE PRESSURE MAX	580 PSI	580 PSI	580 PSI	319 PSI	406 PSI	566 PSI

SHAFT TYPE	2 IN. HEX / 2.563 IN. ROUND	2.5 IN. HEX	2.5 IN. HEX	2.5 IN. HEX	2.5 IN. HEX	2.5 IN. HEX
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CS SERIES AUGER DRIVE

OUTPUT SPEED

FLOW	CS 11-12 SPEED	CS 16-15 SPEED	CS 20-17 SPEED	CS 22-20 SPEED	CS 28-22 SPEED	CS 35-25 SPEED
5.0 GPM	42 RPM	34 RPM				
7.5 GPM	64 RPM	51 RPM	41 RPM			
10.0 GPM	85 RPM	67 RPM	55 RPM	52 RPM	41 RPM	33 RPM
12.5 GPM	106 RPM	84 RPM	68 RPM	65 RPM	52 RPM	41 RPM
15.0 GPM		101 RPM	82 RPM	78 RPM	62 RPM	50 RPM
17.5 GPM			96 RPM	91 RPM	72 RPM	58 RPM
20.0 GPM				104 RPM	83 RPM	66 RPM
22.5 GPM					93 RPM	74 RPM
25.0 GPM						83 RPM
27.5 GPM						
30.0 GPM						
32.5 GPM						
35.0 GPM						
37.5 GPM						
40.0 GPM						
42.5 GPM						
45.0 GPM						

FLOW	CS 41-25 SPEED	CS 38-30 SPEED	CS 49-36 SPEED	CS 39-37 SPEED	CS 49-45 SPEED	CS 62-48 SPEED
5.0 GPM						
7.5 GPM						
10.0 GPM	26 RPM					
12.5 GPM	32 RPM					
15.0 GPM	39 RPM	45 RPM		48 RPM		
17.5 GPM	45 RPM	52 RPM	41 RPM	56 RPM	46 RPM	37 RPM
20.0 GPM	52 RPM	60 RPM	47 RPM	64 RPM	53 RPM	42 RPM
22.5 GPM	58 RPM	67 RPM	53 RPM	72 RPM	60 RPM	47 RPM
25.0 GPM	65 RPM	75 RPM	59 RPM	80 RPM	66 RPM	53 RPM
27.5 GPM		82 RPM	65 RPM	88 RPM	73 RPM	58 RPM
30.0 GPM		90 RPM	71 RPM	96 RPM	79 RPM	63 RPM
32.5 GPM			77 RPM	104 RPM	86 RPM	68 RPM
35.0 GPM			83 RPM	112 RPM	93 RPM	74 RPM
37.5 GPM				120 RPM	99 RPM	79 RPM
40.0 GPM					106 RPM	84 RPM
42.5 GPM						89 RPM
45.0 GPM						

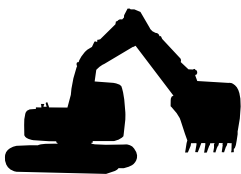
CS SERIES AUGER DRIVE

OUTPUT TORQUE

PRESSURE	CS 11-12 TORQUE	CS 16-15 TORQUE	CS 20-17 TORQUE	CS 22-20 TORQUE	CS 28-22 TORQUE	CS 35-25 TORQUE
2000 PSI	723 FT-LBS	904 FT-LBS	1121 FT-LBS			
2200 PSI	795 FT-LBS	995 FT-LBS	1233 FT-LBS	1291 FT-LBS	1627 FT-LBS	2037 FT-LBS
2400 PSI	868 FT-LBS	1085 FT-LBS	1346 FT-LBS	1408 FT-LBS	1774 FT-LBS	2222 FT-LBS
2600 PSI	940 FT-LBS	1176 FT-LBS	1458 FT-LBS	1526 FT-LBS	1922 FT-LBS	2407 FT-LBS
2800 PSI	1012 FT-LBS	1266 FT-LBS	1570 FT-LBS	1643 FT-LBS	2070 FT-LBS	2593 FT-LBS
3000 PSI	1085 FT-LBS	1357 FT-LBS	1682 FT-LBS	1760 FT-LBS	2218 FT-LBS	2778 FT-LBS
3200 PSI		1447 FT-LBS	1794 FT-LBS	1878 FT-LBS	2366 FT-LBS	2963 FT-LBS
3400 PSI		1537 FT-LBS	1906 FT-LBS	1995 FT-LBS	2514 FT-LBS	3148 FT-LBS
3600 PSI				2112 FT-LBS	2662 FT-LBS	3333 FT-LBS
3800 PSI				2230 FT-LBS	2809 FT-LBS	3518 FT-LBS

PRESSURE	CS 41-25 TORQUE	CS 38-30 TORQUE	CS 49-36 TORQUE	CS 39-37 TORQUE	CS 49-45 TORQUE	CS 62-48 TORQUE
2000 PSI						3154 FT-LBS
2200 PSI	2407 FT-LBS	2241 FT-LBS	2868 FT-LBS	2269 FT-LBS	2874 FT-LBS	3470 FT-LBS
2400 PSI	2625 FT-LBS	2445 FT-LBS	3129 FT-LBS	2476 FT-LBS	3135 FT-LBS	3785 FT-LBS
2600 PSI	2844 FT-LBS	2648 FT-LBS	3389 FT-LBS	2682 FT-LBS	3396 FT-LBS	4101 FT-LBS
2800 PSI	3063 FT-LBS	2852 FT-LBS	3650 FT-LBS	2888 FT-LBS	3657 FT-LBS	4416 FT-LBS
3000 PSI	3282 FT-LBS	3056 FT-LBS	3911 FT-LBS	3095 FT-LBS	3918 FT-LBS	4732 FT-LBS
3200 PSI	3501 FT-LBS	3260 FT-LBS	4172 FT-LBS	3301 FT-LBS	4180 FT-LBS	5047 FT-LBS
3400 PSI	3719 FT-LBS	3463 FT-LBS	4432 FT-LBS	3507 FT-LBS	4441 FT-LBS	5363 FT-LBS
3600 PSI	3938 FT-LBS	3667 FT-LBS	4693 FT-LBS	3714 FT-LBS	4702 FT-LBS	5678 FT-LBS
3800 PSI	4157 FT-LBS	3871 FT-LBS	4954 FT-LBS	3920 FT-LBS	4963 FT-LBS	5993 FT-LBS

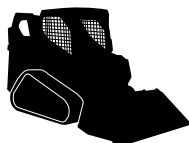
PRIME MOVER COMPATIBILITY



EXCAVATORS



MINI-EXCAVATORS



SKID STEERS



BACKHOE LOADERS



TELEHANDLERS

CS SERIES AUGER DRIVE

HOLE DEPTHS

CS 11-12			
AUGER DIA.	DRILLING DEPTH (FT)		
	SOFT	MEDIUM	HARD
6 IN.	7.2	6.6	5.9
8 IN.	7.2	6.6	5.9
10 IN.	7.2	6.6	5.2
12 IN.	6.6	5.9	5.2
14 IN.	5.9	5.2	4.6
16 IN.	5.2	5.2	4.6
18 IN.	4.6	4.6	3.9

CS 16-15			
AUGER DIA.	DRILLING DEPTH (FT)		
	SOFT	MEDIUM	HARD
6 IN.	7.2	6.6	5.9
8 IN.	7.2	6.6	5.9
10 IN.	7.2	6.6	5.9
12 IN.	7.2	6.6	5.9
14 IN.	6.6	5.9	5.2
16 IN.	5.9	5.2	4.9
18 IN.	4.9	4.6	4.3

CS 20-17			
AUGER DIA.	DRILLING DEPTH (FT)		
	SOFT	MEDIUM	HARD
6 IN.	8.5	7.9	7.2
8 IN.	8.5	7.9	7.2
10 IN.	8.5	7.9	7.2
12 IN.	8.5	7.9	7.2
14 IN.	7.9	7.2	6.6
16 IN.	7.2	6.6	5.9
18 IN.	5.9	5.6	5.2
20 IN.	4.9	4.6	4.3

CS 22-20			
AUGER DIA.	DRILLING DEPTH (FT)		
	SOFT	MEDIUM	HARD
6 IN.	9.2	8.2	7.5
8 IN.	9.2	8.2	7.5
10 IN.	9.2	8.2	7.5
12 IN.	9.2	8.2	7.5
14 IN.	8.5	7.5	6.9
16 IN.	7.9	6.9	6.6
18 IN.	5.9	5.6	5.2
20 IN.	5.2	4.9	4.6
24 IN.	4.6	4.3	3.9

CS 28-22			
AUGER DIA.	DRILLING DEPTH (FT)		
	SOFT	MEDIUM	HARD
6 IN.	9.8	9.2	8.2
8 IN.	9.8	9.2	8.2
10 IN.	9.8	9.2	8.2
12 IN.	9.8	9.2	8.2
14 IN.	9.8	9.2	8.2
16 IN.	9.8	8.2	7.5
18 IN.	9.2	8.2	7.5
20 IN.	8.2	7.2	5.9
24 IN.	6.6	5.9	4.9
28 IN.	5.9	4.9	3.9

CS 35-25			
AUGER DIA.	DRILLING DEPTH (FT)		
	SOFT	MEDIUM	HARD
6 IN.	11.5	10.8	9.8
8 IN.	11.5	10.8	9.8
10 IN.	11.5	10.8	9.8
12 IN.	11.5	10.8	9.8
14 IN.	11.5	9.8	8.2
16 IN.	11.5	9.8	8.2
18 IN.	9.8	8.2	6.6
20 IN.	9.8	7.2	5.9
24 IN.	8.2	6.6	4.9
28 IN.	6.6	5.9	4.9
31 IN.	5.9	4.9	3.9

 EXCEPTIONAL

 ADEQUATE

CS SERIES AUGER DRIVE

HOLE DEPTHS

CS 41-25			
AUGER DIA.	DRILLING DEPTH (FT)		
	SOFT	MEDIUM	HARD
6 IN.	13.1	12.5	11.5
8 IN.	12.5	11.5	10.8
10 IN.	12.5	11.5	10.8
12 IN.	12.5	11.5	10.8
14 IN.	12.5	11.5	10.8
16 IN.	11.5	10.8	9.8
18 IN.	11.5	10.8	9.8
20 IN.	10.8	9.8	9.2
24 IN.	9.8	9.2	8.2

CS 38-30			
AUGER DIA.	DRILLING DEPTH (FT)		
	SOFT	MEDIUM	HARD
8 IN.	12.5	11.5	10.8
10 IN.	12.5	11.5	10.8
12 IN.	12.5	11.5	10.8
14 IN.	12.5	11.5	10.8
16 IN.	11.5	10.8	9.8
18 IN.	11.5	10.8	9.8
20 IN.	10.8	9.8	9.2
24 IN.	9.8	9.2	8.2

CS 49-36			
AUGER DIA.	DRILLING DEPTH (FT)		
	SOFT	MEDIUM	HARD
8 IN.	13.8	13.1	12.5
10 IN.	13.8	13.1	12.5
12 IN.	13.8	13.1	12.5
14 IN.	13.1	12.5	11.5
16 IN.	13.1	11.5	11.5
18 IN.	12.5	11.5	9.8
20 IN.	11.5	10.8	9.8
24 IN.	10.8	9.8	9.2
28 IN.	9.8	9.2	8.2

CS 39-37			
AUGER DIA.	DRILLING DEPTH (FT)		
	SOFT	MEDIUM	HARD
8 IN.	16.4	14.8	13.1
10 IN.	16.4	14.8	13.1
12 IN.	16.4	14.8	13.1
14 IN.	16.4	14.8	13.1
16 IN.	14.8	13.1	11.5
18 IN.	14.8	13.1	11.5
20 IN.	13.1	12.5	11.5
24 IN.	12.5	11.5	9.8
28 IN.	11.5	10.5	8.2

CS 49-45			
AUGER DIA.	DRILLING DEPTH (FT)		
	SOFT	MEDIUM	HARD
8 IN.	14.8	14.1	13.1
10 IN.	14.8	14.1	13.1
12 IN.	14.8	14.1	13.1
14 IN.	14.8	14.1	13.1
16 IN.	13.1	12.5	11.5
18 IN.	13.1	12.5	11.5
20 IN.	12.5	11.5	11.5
24 IN.	11.5	10.8	9.8
28 IN.	10.5	9.8	8.2

CS 62-48			
AUGER DIA.	DRILLING DEPTH (FT)		
	SOFT	MEDIUM	HARD
8 IN.	16.4	14.8	13.1
10 IN.	16.4	14.8	13.1
12 IN.	16.4	14.8	13.1
14 IN.	16.4	14.8	13.1
16 IN.	14.8	13.1	11.5
18 IN.	14.8	13.1	11.5
20 IN.	13.1	12.5	11.5
24 IN.	12.5	11.5	9.8
28 IN.	11.5	10.5	8.2
31 IN.	10.5	9.8	6.6

 EXCEPTIONAL

 ADEQUATE

MOUNTING OPTIONS

QUICK ATTACH MOUNT



These mounts are made to be compatible with various manufacturer specific quick attach systems. These mounts provide the quickest change over between attachments. Many of these mounts come cradle ready to provide extra stabilization during operation or transport.

DOUBLE PIN MOUNT



The double pin mount can be fitted to carriers with or without a pin grabber coupler. The additional pick-up location adds further rigidity to the auger drive system, particularly suited to high torque, large drilling diameter requirements. For carriers fitted with a quick coupling system, the mount/dismount process speed is greatly improved. Many are cradle ready.

UNIVERSAL MOUNTS



For custom mounting applications, these mounts provide opportunities to either bolt or weld on a bracket. The bolt-on mount can go on the side of a bucket for use on a utility tractor, or similar application.

SSL MOUNT



Compatible with all USSL-style hitches, the Skid Steer Universal Mount includes a built-in cradle to stabilize the auger drive during operation and transport. The cradle also assists with single-operator use by minimizing drive head movement, allowing for easier bit alignment and improved control.

MOUNTING OPTIONS

QUICK ATTACH MOUNTS

DESCRIPTION	WEIGHT	PART NO.
C&P 027 COUPLER, CRADLE-READY	101 LBS	239261
C&P 030 COUPLER, CRADLE-READY	233 LBS	239262
KUBOTA KX41-3/U15,U17,KX018-4 K7966, CRADLE NOT AVAILABLE	79 LBS	239263
KUBOTA KX040/KX71-3/KX91-3/KX121-3/U35/KX033-K7870, CRADLE-READY	117 LBS	239264
KUBOTA KX057, U55, USA ONLY K7915, CRADLE-READY	140 LBS	239265
KUBOTA KX161-3/U45 K9940, CRADLE NOT AVAILABLE	121 LBS	239266
KUBOTA KX080 MINI EXCAVATOR K7402, CRADLE-READY	169 LBS	239267
JD 27D ZTS/35D ZTS MINI EXCAVATOR, CRADLE NOT AVAILABLE	96 LBS	239268
JOHN DEERE WEDGE-STYLE COUPLER WITH 9" EAR SPACING, INCLUDES CRADLE	127 LBS	239257

DOUBLE PIN MOUNTS

DESCRIPTION	WEIGHT	PART NO.
PIN GRAB, YANMAR VIO27/VIO35, CRADLE NOT AVAILABLE	73 LBS	239270
PIN GRAB, YANMAR VIO45/55/40/50, CX60, CRADLE NOT AVAILABLE	112 LBS	239272
PIN GRAB, YANMAR VIO75/B7/SV100, KOM PC78, JD 75G85G, CRADLE NOT AVAILABLE	138 LBS	239275
PIN GRAB, CAT 303.5, 303, 304, DX35Z, CX37C, R35Z, CRADLE-READY	116 LBS	239271
PIN GRAB, CAT 305/305.5 / DOOSAN DX62, CRADLE-READY	139 LBS	239274
PIN GRAB, HYUNDAI R60CR-9 / CASE CX57C, CX60C, CRADLE-READY	182 LBS	239273
PIN GRAB, TAKEUCHI TB260, CRADLE-READY	125 LBS	239288
PIN GRAB, KOMATSU PC45R-8E, PC45MR, PC50, PC55, CRADLE-READY	185 LBS	239289
PIN GRAB, KOMATSU PC78, PC88 / JD 75G85G, CRADLE-READY	157 LBS	239291

UNIVERSAL MOUNTS

DESCRIPTION	WEIGHT	PART NO.
WELD ON PLATE W/SWIVEL LINK, NO CRADLE	82 LBS	239276
BOLT ON PLATE W/SWIVEL LINK	82 LBS	239277

SSL MOUNTS

DESCRIPTION	WEIGHT	PART NO.
SSL MOUNT OFFSET, WITH CRADLE	159 LBS	239278
SSL MOUNT WITH CRADLE	150 LBS	239279

ADD ON PARTS

DESCRIPTION	WEIGHT	PART NO.
BOLT-ON CRADLE FOR CRADLE-READY MOUNTS	15.5	21670



AUGER SOIL CHART

Pengo has developed the below chart to help you decide which auger will be best suited for your project. The above triangles and color guide will be included with all products where applicable.







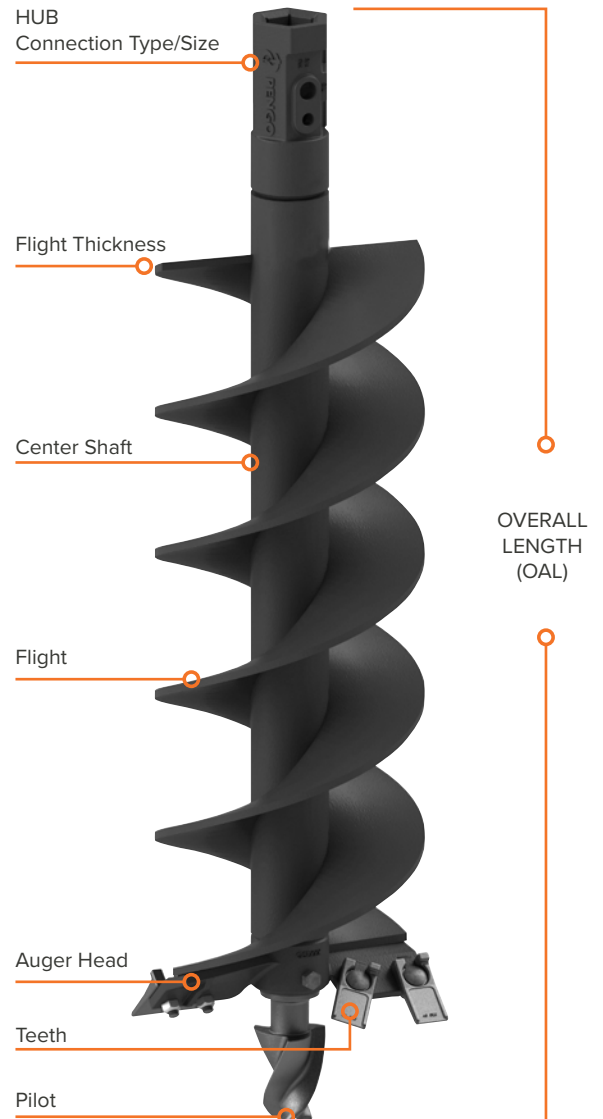
1	dirt; peat, organic silts, very loose sand, very soft, swamp, marsh	soil abrasion: low
2	sand; loose, fine sand; loess and medium clay, flood plain soils, lake clay	soil abrasion: medium
3	silt; coarse sand to stiff clay, dense hydraulic fill, compacted fill, residual soils	soil abrasion: high
4	clay; stiff to very stiff clay, glacial till, hard-pan, marls	soil abrasion: low to medium
5	gravel; basalt, very hard silts and clay, weathered laminated rock	soil abrasion: high
6	fracturable rock; caliche, coarse gravel and cobbles; frozen soil	soil abrasion: high
7	non-fracturable rock; granite, basalt, massive limestone	soil abrasion: high

GENERAL PURPOSE AUGERS

Pengo will commonly refer to the "parts" of the auger to help determine which one is suitable to your needs. Please use the diagram to the right as a reference guide when determining out the auger you would like quoted.

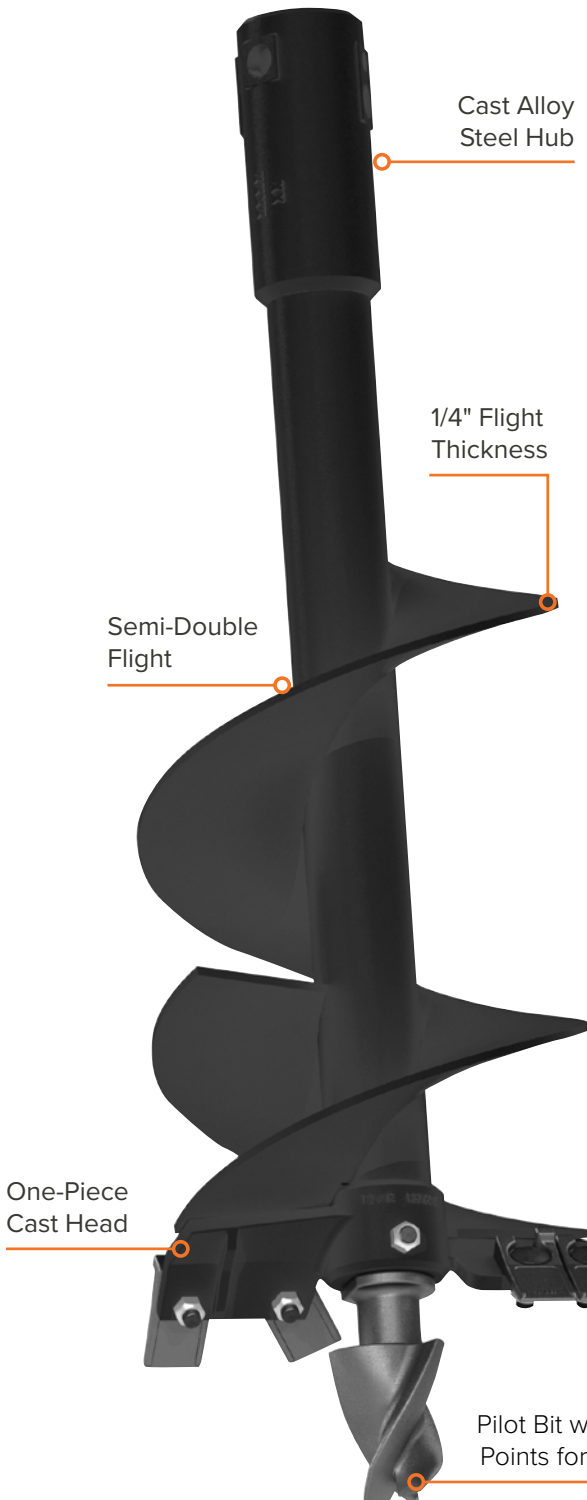
PRIME MOVER COMPATIBILITY

CARRIER	AUGER(S) COMPATIBLE
 CTC, Mini Skid Steer	Landscape Aggressor®
 Skid Steer	Aggressor®, Tree Aggressor®, TriMax®, Severe Rock Ripper®
 Mini Excavator	Aggressor®, Tree Aggressor®, TriMax®, Severe Rock Ripper®
 Backhoe	Aggressor®, Tree Aggressor®, TriMax®, Severe Rock Ripper®

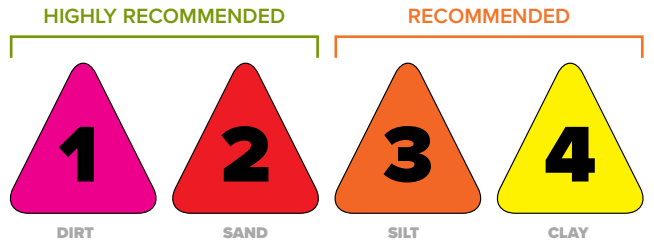


LANDSCAPE AGGRESSOR® AUGER

Pengo's Landscape Aggressor® is the perfect tool for landscaping applications or where smaller machines are required. Shorten flight bodies offers substantial weight reduction and performance is enhanced with our double entry flight design. Paired with our TriFlow® 350 pilot, providing three drill points for longer wear, the Landscape Aggressor provides big performance in a small package.



DRILLING SOIL CONDITIONS



2" ROUND - 30" OAL

ITEM	DIA	NO. TEETH	LBS	PN
6-MA-30	6"	2	35	138400
9-MA-30	9"	4	42	138405
12-MA-30	12"	4	48	138410

2" ROUND - 48" OAL

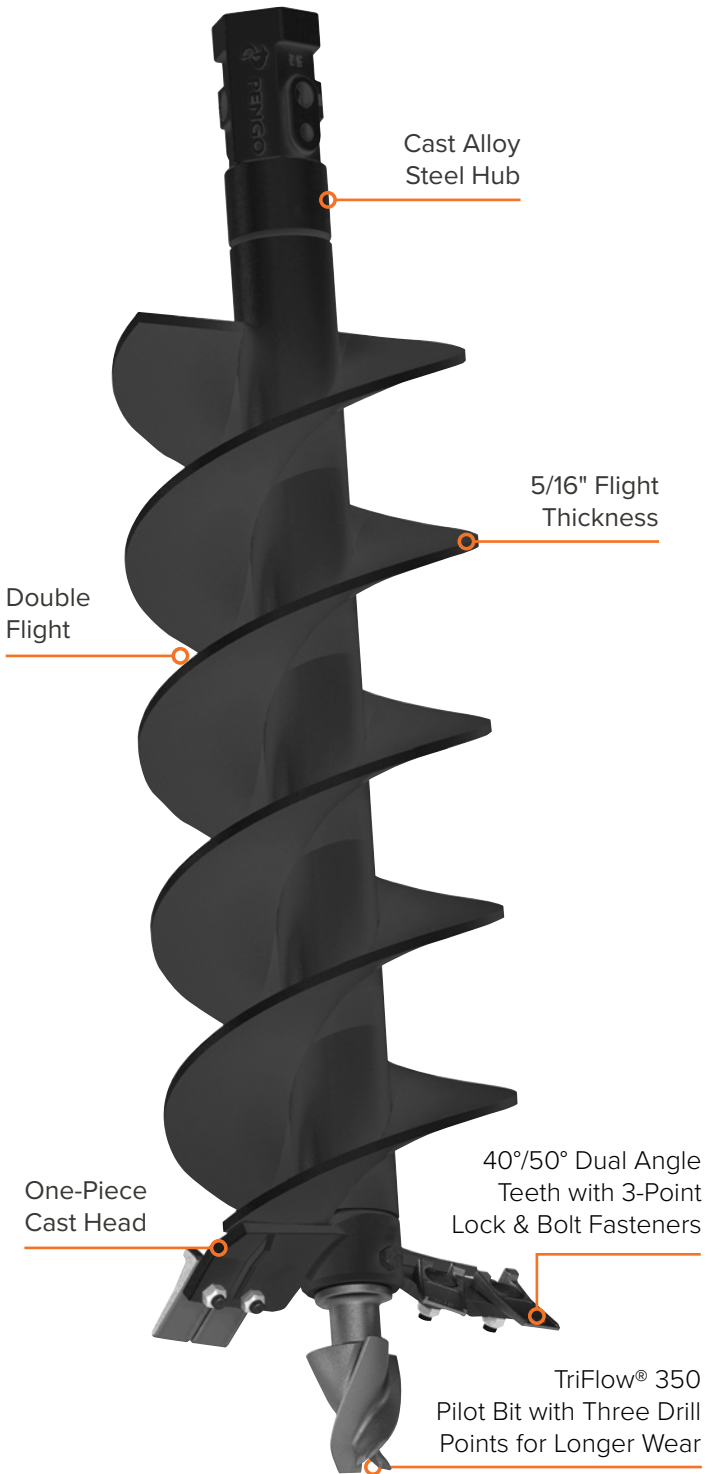
ITEM	DIA	NO. TEETH	LBS	PN
6-MA-48	6"	2	50	138010
9-MA-48	9"	4	58	138011
12-MA-48	12"	4	68	138012
15-MA-48	15"	5	78	138013
18-MA-48	18"	6	85	138014

The Landscape Aggressor® Auger item numbers are for standard augers only. These augers will be shipped with standard teeth and pilot. You may order additional upgraded wear parts to enhance the drilling capabilities of your auger.

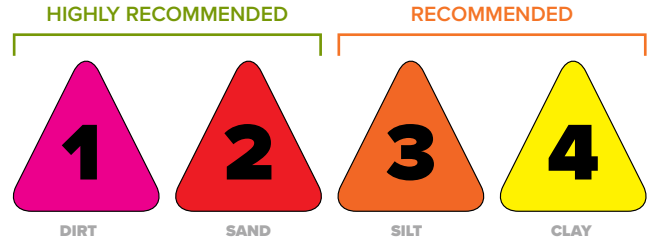


AGGRESSOR® AUGER

Pengo's Aggressor® Auger is the standard in which all others are measured, a professional grade tool designed for daily and constant use. The patented Tri-Flow pilot provides unmatched auger stability as well as up to 50% longer wear over conventional pilot bits. Double flight technology provides maximum spoil removal and the 5/16" flight thickness provides the long term durability demanded for daily use.



DRILLING SOIL CONDITIONS



2" HEX - 36", 49", & 51" OAL

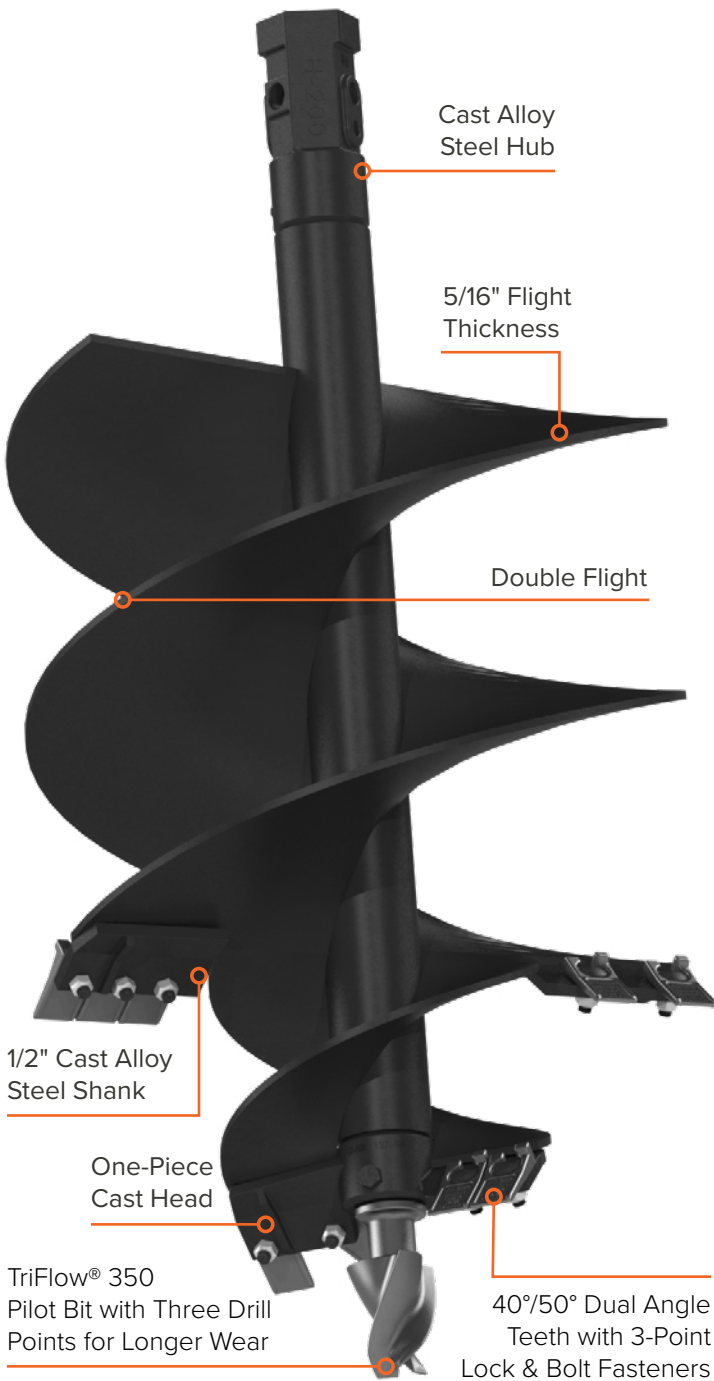
ITEM	DIA	NO. TEETH	LBS	PN
6-AR-36	6"	2	39	236011
9-AR-36	9"	4	55	236012
12-AR-36	12"	4	68	236013
15-AR-36	15"	5	73	236014
18-AR-36	18"	6	70	236015
6-AR-49	6"	2	54	PNG104152
9-AR-49	9"	4	78	PNG104153
12-AR-51	12"	4	114	PNG104154
15-AR-51	15"	5	117	PNG104155
18-AR-51	18"	6	145	PNG104156
24-AR-51	24"	8	210	PNG104157
30-AR-51	30"	10	225	PNG104158
36-AR-51	36"	12	295	PNG104159

2 9/16" ROUND - 36", 49", & 51" OAL

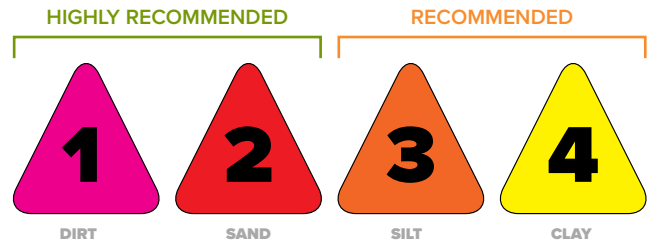
ITEM	DIA	NO. TEETH	LBS	PN
6-AR-36	6"	2	37	236016
9-AR-36	9"	4	54	236017
12-AR-36	12"	4	66	236018
15-AR-36	15"	5	72	236019
18-AR-36	18"	6	69	236020
6-AR-49	6"	2	54	PNG104168
9-AR-49	9"	4	78	PNG104169
12-AR-51	12"	4	114	PNG104170
15-AR-51	15"	5	117	PNG104171
18-AR-51	18"	6	145	PNG104172
24-AR-51	24"	8	210	PNG104173
30-AR-51	30"	10	225	PNG104174
36-AR-51	36"	12	295	104175

AGGRESSOR® TREE AUGER

Pengo's Aggressor® tree auger is a more robust version of our Landscape Aggressor Tree Auger and made specifically for high-duty cycle applications. Offering the same two-stage design that produces a tailored fit for the root ball, the Aggressor also offers the options of a 2" hex connection and the ability to change the pilot and teeth to accommodate light rock and permafrost soil conditions.



DRILLING SOIL CONDITIONS



2 9/16" ROUND - 51" OAL

ITEM	START DIA	END DIA	NO. TEETH	LBS	PN
918-AR-51	9"	18"	8	155	135542
1224-AR-51	12"	24"	9	160	135543
1530-AR-51	15"	30"	11	255	135544
1836-AR-51	18"	36"	13	290	135545

2" HEX - 51" OAL

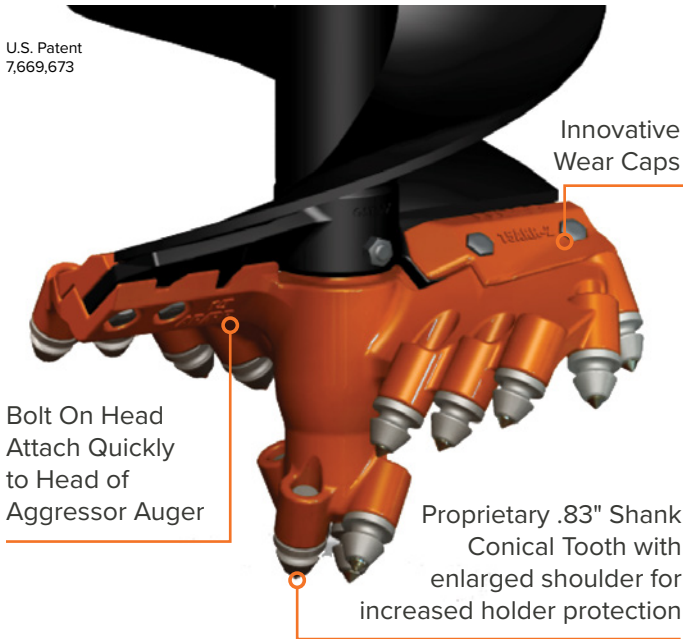
ITEM	START DIA	END DIA	NO. TEETH	LBS	PN
918-AR-51	9"	18"	8	155	135554
1224-AR-51	12"	24"	9	160	135555
1530-AR-51	15"	30"	11	255	135556
1836-AR-51	18"	36"	13	290	135557

2" ROUND - 48" OAL

ITEM	START DIA	END DIA	NO. TEETH	LBS	PN
918-AR-48	9"	18"	8	150	135578
1224-AR-48	12"	24"	9	155	135579
1530-AR-48	15"	30"	11	250	135580
1836-AR-48	18"	36"	13	285	135581

BoRH[®] FOR AGGRESSOR

Pengo's patented BoRH[®] (Bolt on Rock Head) provides the ultimate solution for all your drilling applications. Designed to convert a standard Aggressor Dirt Auger into a rock auger, the BoRH eliminates the need for an additional and dedicated Rock Auger. The BoRH kit contains our boring head, pilot bit, wear caps, bullet-style carbide teeth and all hardware needed to complete the installation. Featuring innovative wear caps and enlarged shoulders on the teeth for increased wear, the BoRH system provides the ultimate solution across a wide variety of soil conditions.



U.S. Patent
7,669,673

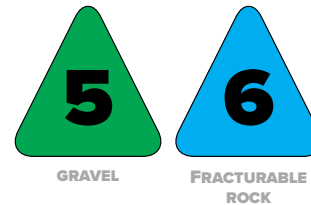
Innovative
Wear Caps

Bolt On Head
Attach Quickly
to Head of
Aggressor Auger

Proprietary .83" Shank
Conical Tooth with
enlarged shoulder for
increased holder protection

DRILLING SOIL CONDITIONS

HIGHLY RECOMMENDED



BoRH 6"-24"

ITEM	DIA	NO. TEETH	LBS	PN
6-BORH	6"	8	24	137991
9-BORH	9"	10	36	137992
12-BORH	12"	12	43	137993
15-BORH	15"	14	47	137994
18-BORH	18"	16	56	137995
24-BORH	24"	20	79	137996

CONICAL TOOTH



P21-RR

The Pengo S21-RR Tooth was designed exclusively for the Pengo BoRH (Bolt-on Rock Head) which converts the Pengo Aggressor auger into a rock auger in minutes. The stout S21-RR design works well in hard rock and concrete conditions and the enlarged tooth shoulder helps to protect the BoRH from wear.

TOOTH REMOVAL PULLER



C123 Puller

Easy as 1-2-3!
Use the C123 Puller for easy removal of the P21 RR tooth

ITEM	LBS	PN	SOIL
P21 RR	.59	137990	 

ITEM	LBS	PN
C123	3	134091

AGGRESSOR® PARTS

TRIFLOW® 350 PILOT BITS



TF-350



TF-350HF



TF-350CXC



TF-350HFTC



TF-350C



HEX BOLT

ITEM	LBS	PN	SOIL
TF-350	5	135088	1 2 3
TF-350HF	5.5	135089	2 3 4
TF-350CXC	5.8	135091	2 3 4 5
TF-350HFTC	5.5	135092	2 3 4
TF-350C	5.5	135090	4 5
3.5" Hex Bolt 6" - 9" Dia.	-	1098	-
4" Hex Bolt 12"+ Dia.	-	1100	-
Hex Nut Lock	-	134527	-

AUGER STAND

Storage Auger Stand for Aggressor Augers

For convenient storage of your Pengo 2" Aggressor augers, we have designed a simple metal base with a 2" Hex connection, that your auger can slip easily onto. Thus giving you a safe and out-of-the-way storage option.

LBS	PN
14	135102



40/50 TEETH



40/50 TOOTH



40/50HFF TOOTH



40/50C TOOTH

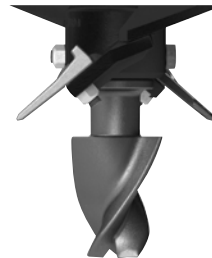


NUTS & BOLTS

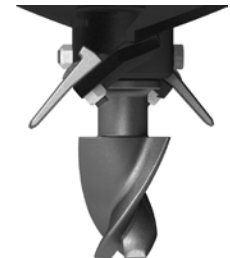
ITEM	LBS	PN	SOIL
40/50	.5	134501	1 2 3
40/50HFF	.5	134802	2 3 4
40/50C	.65	134519	4 5
Carriage Bolt	-	1872	-
Hex Nut Lock	-	1841	-

Aggressor auger teeth are for use in dirt, abrasive soil or fracturable rock, depending on the type of tooth you are using. All types of the 40/50 tooth can be used at either a 40° or 50° angle providing different attack angles based on your drilling condition.

40° Angle

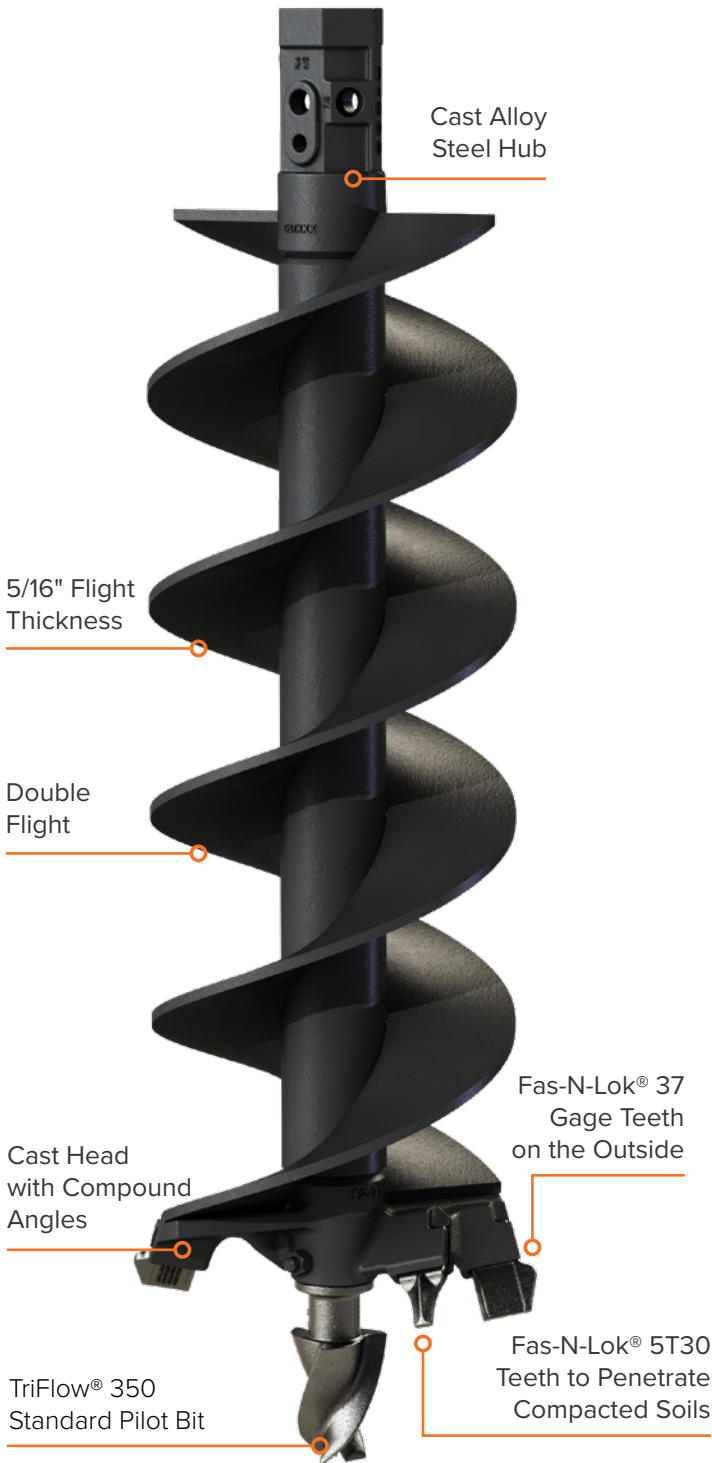


50° Angle



TRIMAX[®] AUGER

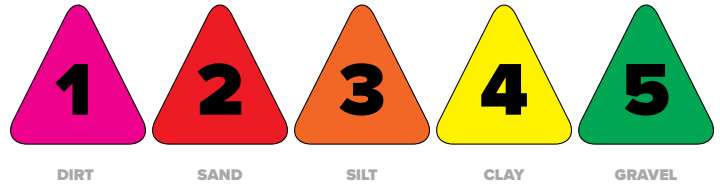
Pengo's TriMax[®] auger is designed to handle your most challenging applications across a variety of drilling conditions. Available in both single and double flight configurations, the TriMax features our TriFlow[®] Pilot, which provides unmatched stability and wear characteristics. Combined with our Fas-N-Lok[®] teeth and cast head with compound angles; dirt, sand, silt or gravel are no match for the TriMax.



DRILLING SOIL CONDITIONS

RECOMMENDED

HIGHLY RECOMMENDED



2" HEX - 48" OAL

ITEM	DIA	NO. TEETH	LBS	PN
6-TM-48-D	6"	2	62	104091
9-TM-48-D	9"	4	78	104093
12-TM-48-D	12"	4	106	104095
16-TM-48-D	16"	6	100	104097
18-TM-48-D	18"	6	124	104098
24-TM-48-D	24"	8	166	104100
30-TM-48-D	30"	10	207	104101
36-TM-48-D	36"	12	270	104102
48-TM-48-D	48"	18	375	104104

2 1/2" HEX - 48" OAL

ITEM	DIA	NO. TEETH	LBS	PN
6-TM-48-D	6"	2	77	243230
9-TM-48-D	9"	4	91	243231
12-TM-48-D	12"	4	95	243232
16-TM-48-D	16"	6	136	243233
18-TM-48-D	18"	6	187	243234
24-TM-48-D	24"	8	171	243235
30-TM-48-D	30"	10	228	243236
36-TM-48-D	36"	12	269	243237

2 9/16" ROUND - 48" OAL

ITEM	DIA	NO. TEETH	LBS	PN
6-TM-48-D	6"	2	61	104108
9-TM-48-D	9"	4	77	104110
12-TM-48-D	12"	4	105	104112
16-TM-48-D	16"	6	99	104114
18-TM-48-D	18"	6	123	104115
24-TM-48-D	24"	8	165	104117
30-TM-48-D	30"	10	206	104118
36-TM-48-D	36"	12	269	104119

Single flight Trimax models available.
Speak to your local representative for more information

TRIMAX® PARTS

TRIFLOW® 350 PILOT BITS



TF-350



TF-350HF



TF-350CXC



TF-350HFTC



TF-350C



HEX BOLT

ITEM	LBS	PN	SOIL
TF-350	5	135088	1 2 3
TF-350HF	5.5	135089	2 3 4
TF-350CXC	5.8	135091	2 3 4
TF-350HFTC	5.5	135092	2 3 4
TF-350C	5.5	135090	4 5
3.5" Hex Bolt 6" - 9" Dia.	-	1098	-
4" Hex Bolt 12"+ Dia.	-	1100	-
Hex Nut Lock	-	134527	-

ACCESSORIES



Soft Hammer

For easy installation of Fas-N-Lok® teeth use a soft hammer to prevent breaking of tips.



Drift Punch

For Easy Removal of Teeth Use this Drift Punch

ITEM	LBS	PN
Soft Hammer	3.5	137737
Drift Punch	1	137750

FAS-N-LOK® TEETH



1336L



35HF



35HFF



35C



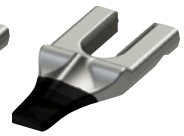
RB-5T30



5T30



5T30C



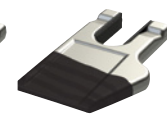
5T30HF



RB-36L



37



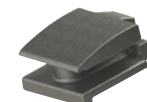
37F

ITEM	LBS	PN	SOIL
35	.4	133835	1 2 3
5T30	.4	140029	1 2 3
37	.5	140027	1 2 3
37F	.6	140010	2 3 4
35 HF	.6	140008	2 3 4
35 HFF	.6	140009	2 3 4
5T30 HF	.4	140014	2 3 4
35 C	.4	140007	4 5
5T30 C	.4	140012	4 5
1336L	.6	140016	4 5
RB-5T30	.4	140013	4 5 6
RB-36L	.6	140021	4 5 6

HOLDERS



T-35

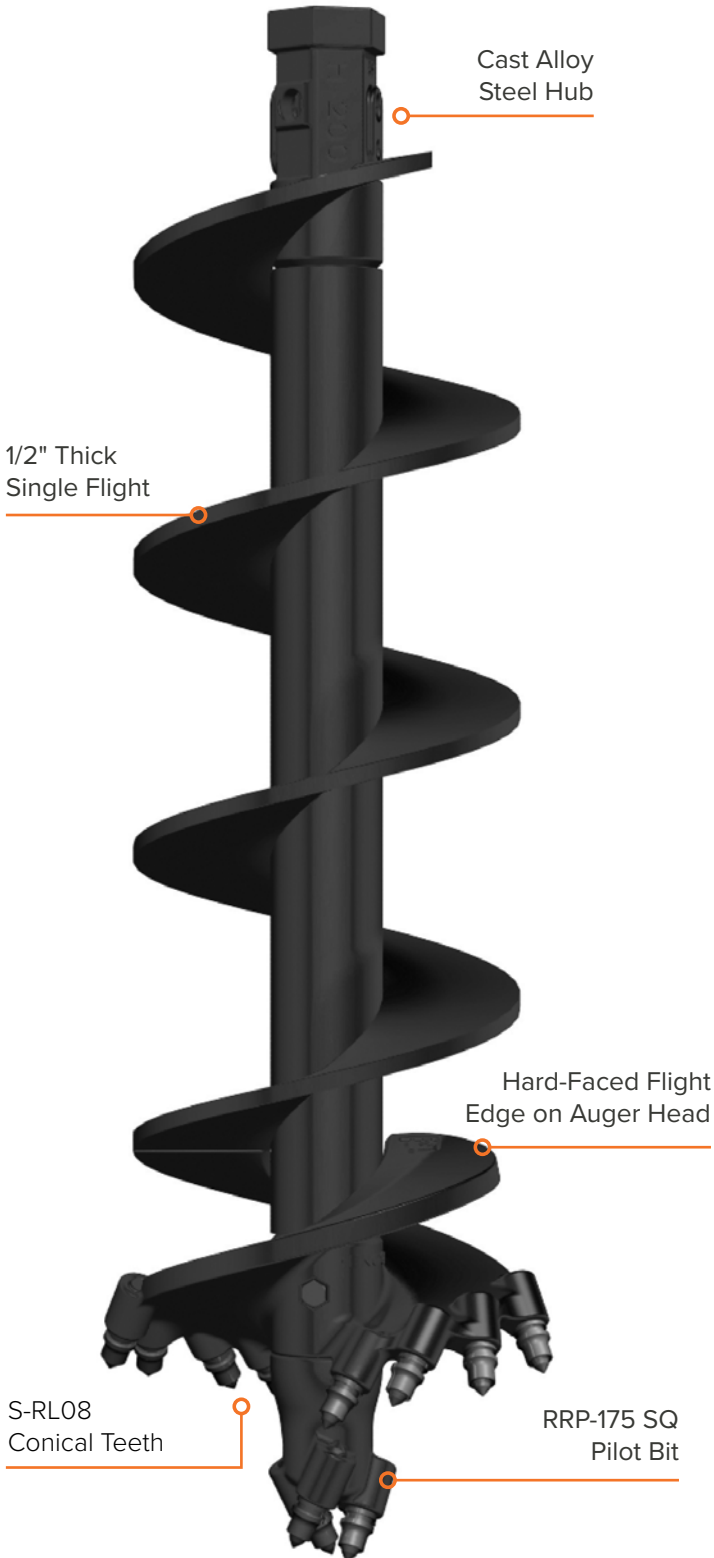


T-36

ITEM	LBS	PN
T-35	1	171221
T-36	1	171231

SEVERE ROCK RIPPER® AUGER

Pengo's Severe Rock Ripper® (SRR) is specifically designed to handle the most difficult rock applications. Featuring our Rock Ripper® Pilot, 1/2" thick hard faced flighting, and carbide conical teeth; the SRR is the most robust tool in the GP line-up. Our SRR can also be equipped with our Strata series of teeth, which provides drilling grade carbide and maximizes both performance and drilling efficiencies



DRILLING SOIL CONDITIONS

RECOMMENDED

HIGHLY RECOMMENDED



SILT



CLAY



GRAVEL



FRACTURABLE
ROCK

2" HEX - 48" OAL

ITEM	DIA	NO. TEETH	LBS	PN
6-SRR-48	6"	8	80	137950
9-SRR-48	9"	10	108	137951
12-SRR-48	12"	12	130	137952
16-SRR-48	16"	15	170	137953
18-SRR-48	18"	16	192	137954
24-SRR-48	24"	20	285	137956
30-SRR-48	30"	24	345	137957
36-SRR-48	36"	26	415	137958

The SRR Auger comes standard with the S-RL08 conical teeth. Replace with SR-76SW Strata® conical teeth for increased performance and life-cycle.

SEVERE ROCK RIPPER® PARTS

PILOT BITS



RRP 1.75 SQ

ITEM	LBS	PN	SOIL
RRP 1.75 SQ	15	137208	 

Nuts and bolts included.
Use 1.75SQ adapter - PN 137203.
When purchased individually, this pilot is ships with four Strata® SR-76SW teeth,

CONICAL TEETH







S-RL08 Standard Rock Tooth
For hard rock applications

SR-76SW Strata® Carbide Teeth
Drilling Grade Carbide Rock Tooth provides longer tooth life in extreme hard drilling conditions



P-10 Pocket
.86 Shank pocket for S-RL08 and

ITEM	LBS	PN	SOIL
S-RL08	.7	PNG990021	 
SR-76SW	.7	780001	 
P-10	.8	PNG990043	-

ACCESSORIES



Soft Hammer

STRATA® Conical teeth are made with a fragile carbide tip. Pengo® strongly recommends using a Soft Hammer when installing STRATA® teeth.



C30 Puller

Due to the enlarged shoulder of the SR-76SW Strata® Tooth, the C30 Puller is recommended to aid in removing the tooth.



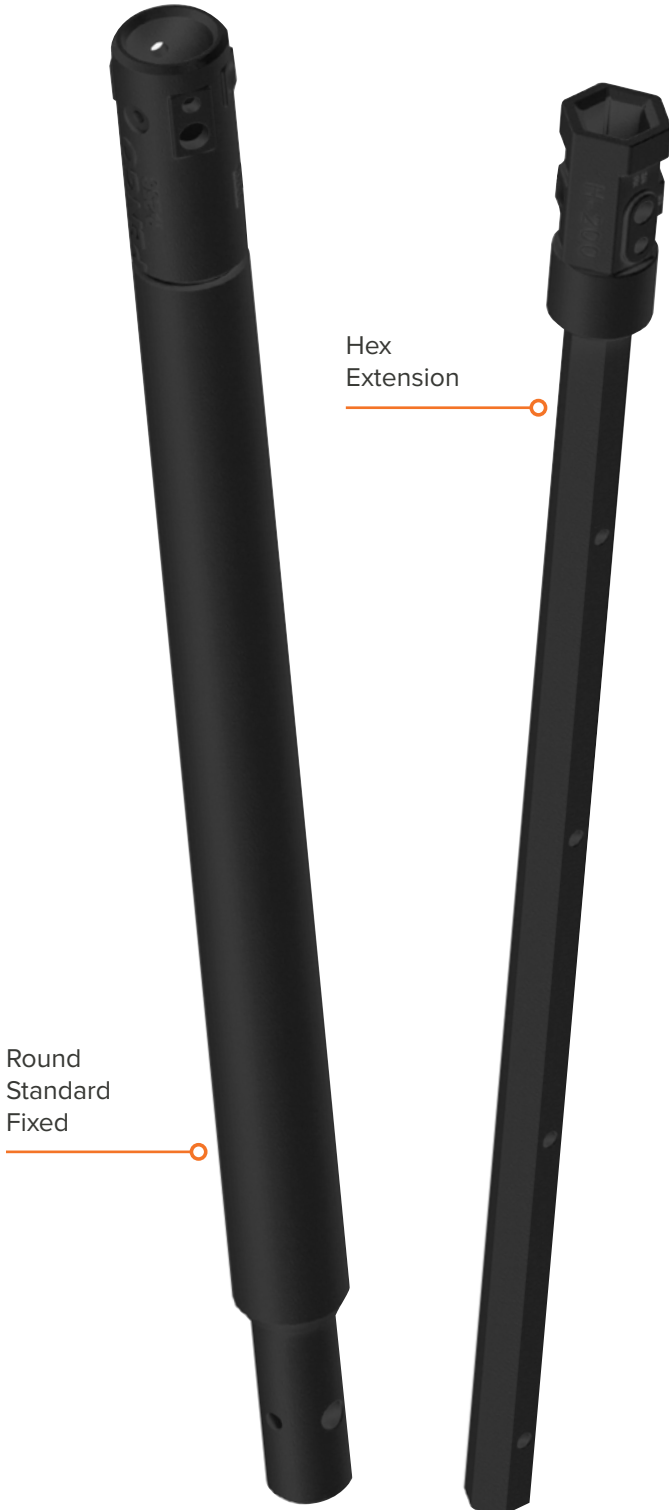
C123 Puller

The S-RL08 Teeth will need the C123 Puller for removal.

ITEM	LBS	PN
Soft Hammer	3.5	137737
C30 Puller	3	134090
C123 Puller	3	134091

GP AUGER EXTENSIONS

At times there is a need for a little more depth. Couple your Pengo auger with a Pengo extension to get the job done. We offer a wide variety of extensions from fixed to telescoping with round and hex connections. Whatever your need, contact a Pengo sales team member to determine the best option for your job.



Hex
Extension

Round
Standard
Fixed

TELESCOPING EXTENSIONS

2" HEX

ITEM	DIMS	LBS	PN
HE20-12 STANDARD	H200 x 12"	22	557142
HE20-24 STANDARD	H200 x 24"	34	557143
HE20-36 STANDARD	H200 x 36"	46	557144
HE20-48 STANDARD	H200 x 48"	58	557145
HE20-60 STANDARD	H200 x 60"	69	557146

FIXED EXTENSIONS

2" ROUND

ITEM	DIMS	LBS	PN
RE20-12 STD FIXED	R200 x 12"	20	557176
RE20-24 STD FIXED	R200 x 24"	31	557178
RE20-36 STD FIXED	R200 x 36"	40	557174

2 9/16" ROUND

ITEM	DIMS	LBS	PN
RE25-12 STD FIXED	R256 x 12"	20	134203
RE25-24 STD FIXED	R256 x 24"	31	134204
RE25-36 STD FIXED	R256 x 36"	40	134205
RE25-48 STD FIXED	R256 x 48"	50	134206
RE25-60 STD FIXED	R256 x 60"	61	134207

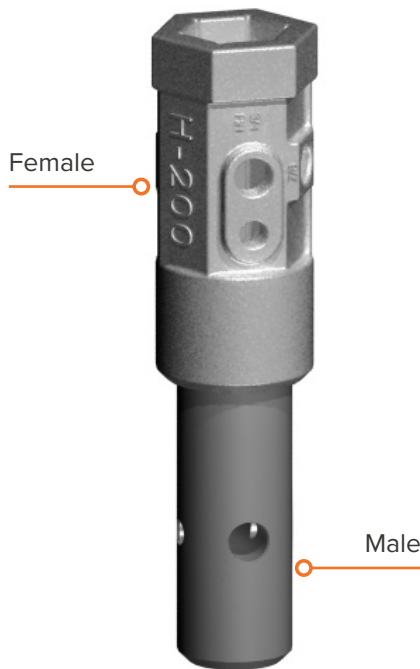
GP AUGER HUBS AND HUB ADAPTERS

REPLACEMENT HUBS



ITEM	DIMS	LBS	PN
R-200	2" ROUND CAST	5.2	154080
R-256U	2 9/16" UNIVERSAL	9.5	154115
H-200U	2" HEX UNIVERSAL	10.5	154121

HUB ADAPTERS



FEMALE HEX

ITEM	DIMS	LBS	PN
H-200F X R256M	2" Hex Female x 2 9/16" Round Male	20	134211
H-200F X R-200M	2" Hex Female x 2" Round Male	14	557156
H-250F X H-200M	2 1/2" Hex Female x 2" Hex Male	30	132419
H-225F X H-200M	2 1/4" Hex Female x 2" Hex Male	20	557159

FEMALE ROUND

ITEM	DIMS	LBS	PN
R-200F X H-200M	2" Round Female x 2" Hex Male	13	132804
R-200F X R-256M	2" Round Female x 2 9/16" Round Male	15	134210
R-256F X H-250M	2 9/16" Round Female x 2 1/2" Hex Male	21	133906
R-256F X R-200M	2 9/16" Round Female x 2" Round Male	13	132068
R-256F X S-200M	2 9/16" Round Female x 2" Square Male	19	557155
R-256 X H-200M	2 9/16" Round Female x 2" Hex Male	18	557153



**SELECTION.
INNOVATION.
PERFORMANCE.**



 **PENGO**[®]