





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.



Compact. high torque, efficient hydraulic motors for improved drilling productivity

Hunting gearing comes standard, increasing life and maximizes efficiency

Oversized bearings for improved load handling

strength and durability

Extreme duty shaft seals for reduced service intervals

> Secure Lock Shaft increases safety and productivity

Full connection contact between auger hub and drive unit



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 CLASS	0.8 - 2 MT	1 - 2.5 MT	2 - 3 MT	2.5 - 4 MT	3 - 4.5 MT	3 - 5 MT
MAX OIL FLOW RATE	12 GPM	15 GPM	17 GPM	20 GPM	22 GPM	25 GPM
MAX OPERATING PRESSURE	3046 PSI	3481 PSI	3481 PSI	3771 PSI	3771 PSI	3771 PSI
MAX ROTATIONAL SPEED	101 RPM	98 RPM	94 RPM	103 RPM	93 RPM	83 RPM
TOTAL LENGTH	23 IN.	23 IN.	23 IN.	24.3 IN.	24.3 IN.	24.3 IN.
DIAMETER	9.06 IN.	9.06 IN.	9.06 IN.	9.96 IN.	9.96 IN.	9.96 IN.
WEIGHT	130 LBS	130 LBS	130 LBS	156 LBS	156 LBS	158 LBS
MAX BACK PRESSURE	508 PSI	551 PSI	580 PSI	580 PSI	653 PSI	580 PSI
MAX TORQUE	1101 FT-LBS	1574 FT-LBS	1951 FT-LBS	2213 FT-LBS	2788 FT-LBS	3492 FT-LBS
SHAFT TYPE	2 IN. HEX / 2.563 IN. ROUND					

	CS 41-25	CS 38-30	CS 49-36	CS 39-37	CS 49-45	CS 62-48
CARRIER WEIGHT CLASS	3 - 5.5 MT	4 -6 MT	4.5 - 7 MT	4 -6 MT	5 - 8 MT	7 - 10 MT
MAX OIL FLOW RATE	25 GPM	30 GPM	36 GPM	37 GPM	45 GPM	48 GPM
MAX OPERATING PRESSURE	3771 PSI	3771 PSI	3771 PSI	3771 PSI	3771 PSI	3771 PSI
MAX ROTATIONAL SPEED	65 RPM	91 RPM	81 RPM	118 RPM	105 RPM	89 RPM
TOTAL LENGTH	24.3 IN.	28.9. IN.	28.9 IN.	31.7 IN.	31.7 IN.	31.7 IN.
DIAMETER	9.96 IN.	11.26 IN.	11.26 IN.	11.26 IN.	11.26 IN.	11.26 IN.
WEIGHT	161 LBS	253 LBS	255 LBS	268 LBS	271 LBS	273 LBS
MAX BACK PRESSURE	653 PSI	580 PSI	580 PSI	319 PSI	406 PSI	566 PSI
MAX TORQUE	4125 FT-LBS	3841 FT-LBS	4916 FT-LBS	3890 FT-LBS	4925 FT-LBS	5948 FT-LBS
SHAFT TYPE	2 IN. HEX / 2.563 IN. ROUND	2.5 IN. HEX				

PRIME MOVER COMPATIBILITY







MINI-EXCAVATORS



SKID STEERS



BACKHOE LOADERS



TELEHANDLERS

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 grapper coupler. The additional pick-up location adds further rigidity to the auger drive system, particularly suited to high torque, large drilling diameter requirements. With 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, CAT 303.5, 303, 304, DX35Z, CX37C, R35Z, CRADLE-READY	116 LBS	239271
PIN GRAB, YANMAR VIO45/55/40/50, CX60, CRADLE NOT AVAILABLE	112 LBS	239272
PIN GRAB, HYUNDAI R60CR-9 / CASE CX57C, CX60C, CRADLE-READY	182 LBS	239273
PIN GRAB, CAT 305/305.5 / DOOSAN DX62, CRADLE-READY	139 LBS	239274
PIN GRAB, YANMAR VIO75/B7/SV100, KOM PC78, JD 75G85G, CRADLE NOT AVAILABLE	138 LBS	239275

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.



3

4

6











ROCK

soil abrasion: high



	dirt; peat, organic silts, very loose sand, very soft, swamp, marsh	soil abrasion: low
sand; loose, fine sand; loess and medium clay, flood plain soils, lake clay soil abrasion: medium	sand; loose, fine sand; loess and medium clay, flood plain soils, lake clay	soil abrasion: medium

silt; coarse sand to stiff clay, dense hydraulic fill, compacted fill, residual soils	soil abrasion: high
clay; stiff to very stiff clay, glacial till, hard-pan, marls	soil abrasion: low to medium
gravel; basalt, very hard silts and clay, weathered laminated rock	soil abrasion: high
fracturable rock; caliche, coarse gravel and cobbles; frozen soil	soil abrasion: high

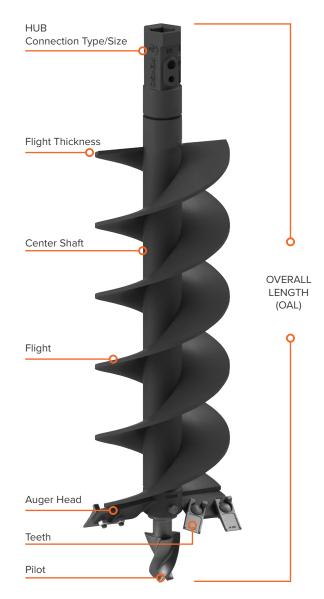
GENERAL PURPOSE AUGERS

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.

non-fracturable rock; granite, basalt, massive limestone

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®
	Aggressor®, Tree Aggressor®, TriMax®, Severe Rock Ripper®

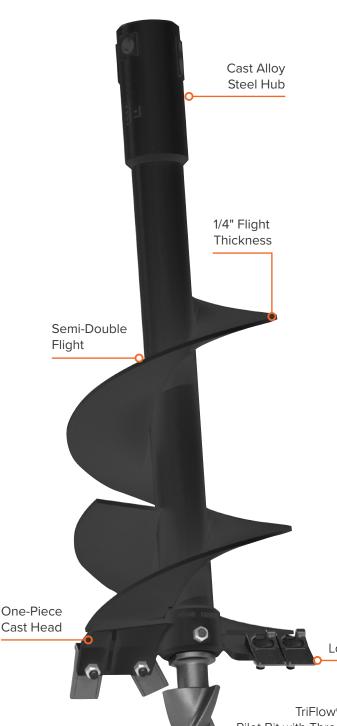


Backhoe

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.

DIRT



HIGHLY RECOMMENDED RECOMMENDED 1 2 3

2" ROUND - 30" OAL

CLAY

SAND

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.

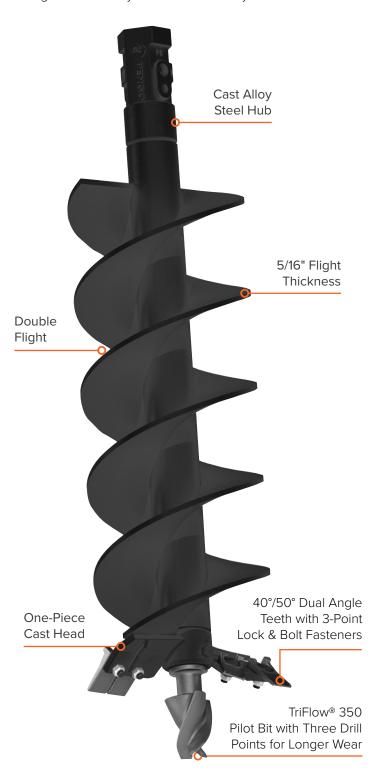
40°/50° Dual Angle Teeth with 3-Point Lock & Bolt Fasteners

TriFlow® 350 Pilot Bit with Three Drill Points for Longer Wear



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.





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

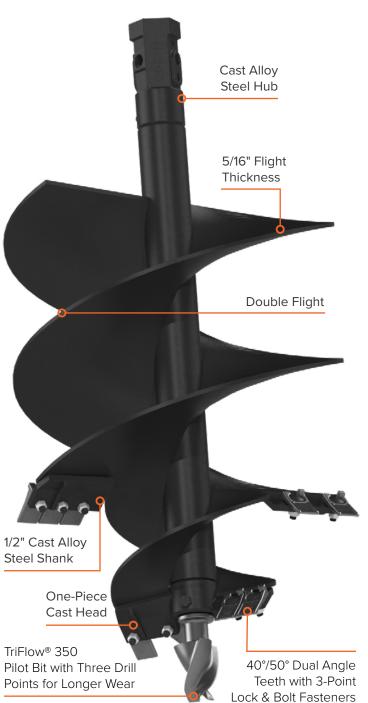
ITEM	DIA	NO. TEETH	LBS	PN
6-AR-36	6"	2	39	236011
9-AR-36	9"	4	55	236012
12-AR-36	12"	4	68	236013
15-AR-36	15"	5	73	236014
18-AR-36	18"	6	70	236015
6-AR-49	6"	2	54	PNG104152
9-AR-49	9"	4	78	PNG104153
12-AR-51	12"	4	114	PNG104154
15-AR-51	15"	5	117	PNG104155
18-AR-51	18"	6	145	PNG104156
24-AR-51	24"	8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

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

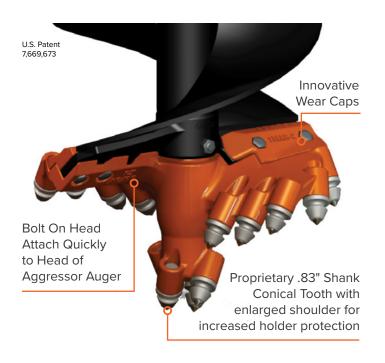
ITEM	STAR ⁻	T DIA END	DIA NO. TE	ETH LBS	PN
918-AR-	51 9	" 18	." 8	155	135554
1224-AR	-51 12	2" 24	l" 9	160	135555
1530-AR	-51 15	5" 30)" 11	255	135556
1836-AR	-51 18	36	5" 13	290	135557

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.



DRILLING SOIL CONDITIONS



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.

ITEM	LBS	PN	SOIL
P21 RR	.59	137990	56

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
C123	3	134091

AGGRESSOR® PARTS

TRIFLOW® 350 PILOT BITS





TF-350CXC









TF-350HFTC

TF-350C

HEX BOLT

ITEM	LBS	PN	SOIL
TF-350	5	135088	1 2 3
TF-350HF	5.5	135089	234
TF-350CXC	5.8	135091	2345
TF-350HFTC	5.5	135092	234
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.





40/50 TEETH





40/50HFF TOOTH





40/50C TOOTH

NUTS & BOLTS

ITEM	LBS	PN	SOIL
40/50	.5	134501	1 2 3
40/50HFF	.5	134802	234
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







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.

Cast Alloy Steel Hub 5/16" Flight **Thickness** Double Flight Fas-N-Lok® 37 Gage Teeth on the Outside Cast Head with Compound Angles Fas-N-Lok® 5T30 Teeth to Penetrate TriFlow® 350 Compacted Soils Standard Pilot Bit

DRILLING SOIL CONDITIONS



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

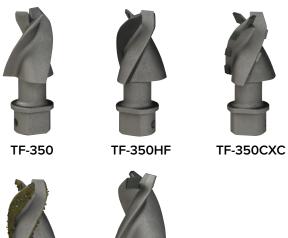
2 9/16" ROUND - 48" OAL

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-350HFTC

TF-350C

HEX BOLT

ITEM	LBS	PN	SOIL
TF-350	5	135088	1 2 3
TF-350HF	5.5	135089	234
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



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	234
35 HF	.6	140008	234
35 HFF	.6	140009	234
5T30 HF	.4	140014	234
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, ½" 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





2" HEX - 48" OAL

ITEM	DIA	NO. TEETH	LBS	PN
6-SRR-48	6"	8	80	137950
9-SRR-48	8"	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	5 6

Nuts and bolts included. Use 1.75SQ adapter - PN 137203.

When purchased individually, this pilot is ships with four ${\tt Strata}^{\scriptsize \circledcirc} {\tt SR-76SW}$ teeth,

CONICAL TEETH



S-RL08 Standard Rock Tooth

For hard rock applications



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	56
SR-76SW	.7	780001	56
P-10	.8	PNG990043	<u>-</u>

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.

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.



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

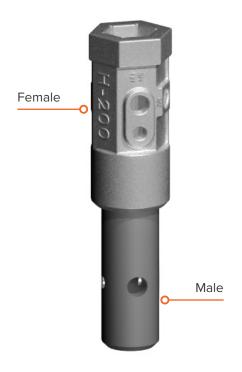
REPLACEMENT HUBS





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	18	557153



