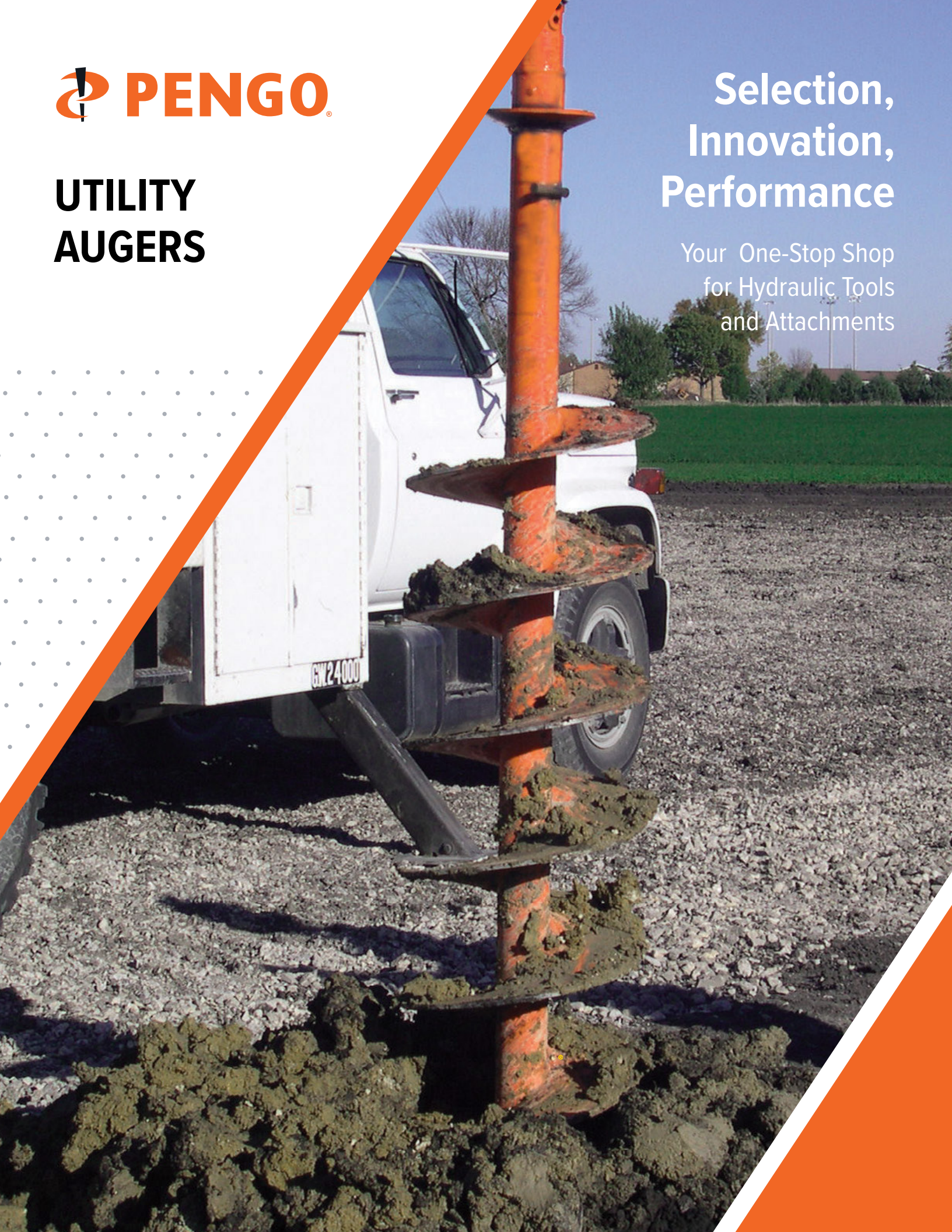




# UTILITY AUGERS

**Selection,  
Innovation,  
Performance**

Your One-Stop Shop  
for Hydraulic Tools  
and Attachments



# PENGO AUGER SOIL CHART

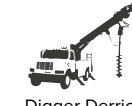
Pengo has developed the chart below to help you decide which auger will be best suited for your project. The above triangles and color guide will be included with all products where applicable.

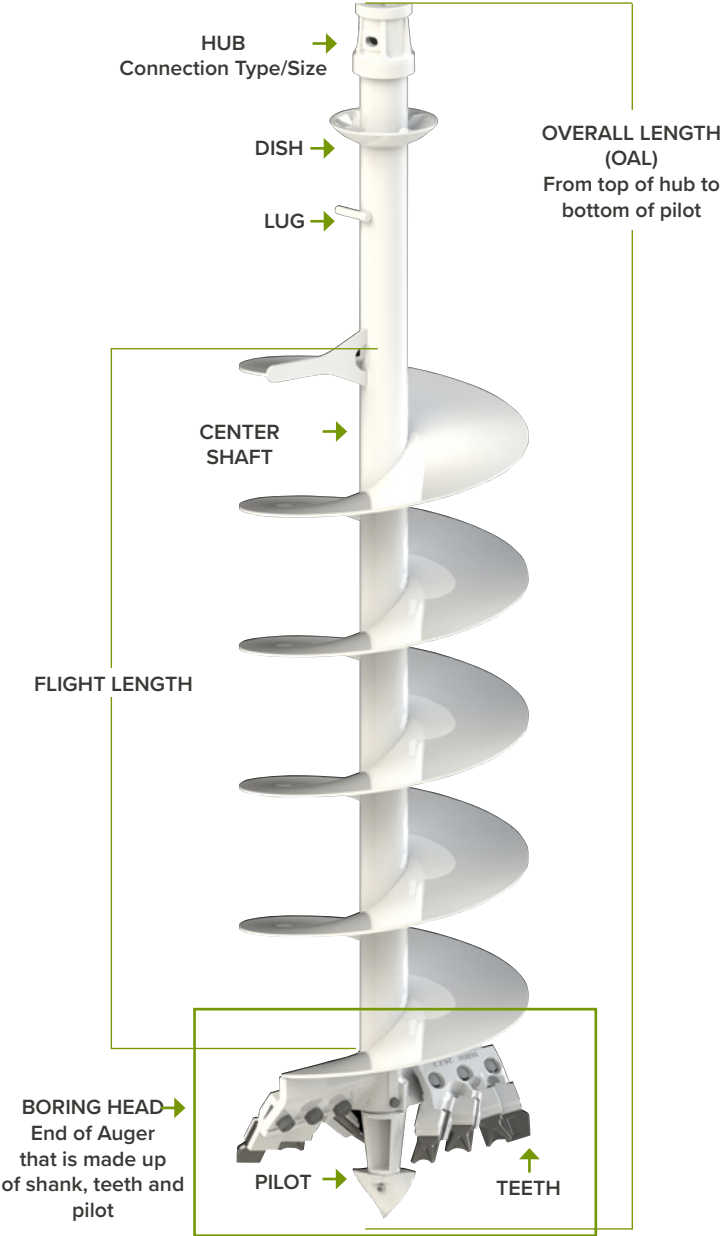


|   |                                                                                       |                              |
|---|---------------------------------------------------------------------------------------|------------------------------|
| 1 | dirt; peat, organic silts, very loose sand, very 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          |

# PENGO UTILITY AUGERS

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

| Carrier                                                                                                    | Auger(s) Compatible                                        |
|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| <br>Mini Digger Derrick | TriMax® Auger                                              |
| <br>Digger Derrick      | MD Utility, Step Rock, Rock Ripper, MD Quick Change System |
| <br>Pressure Digger     | Pressure Digger Dirt and Pressure Digger Rock              |

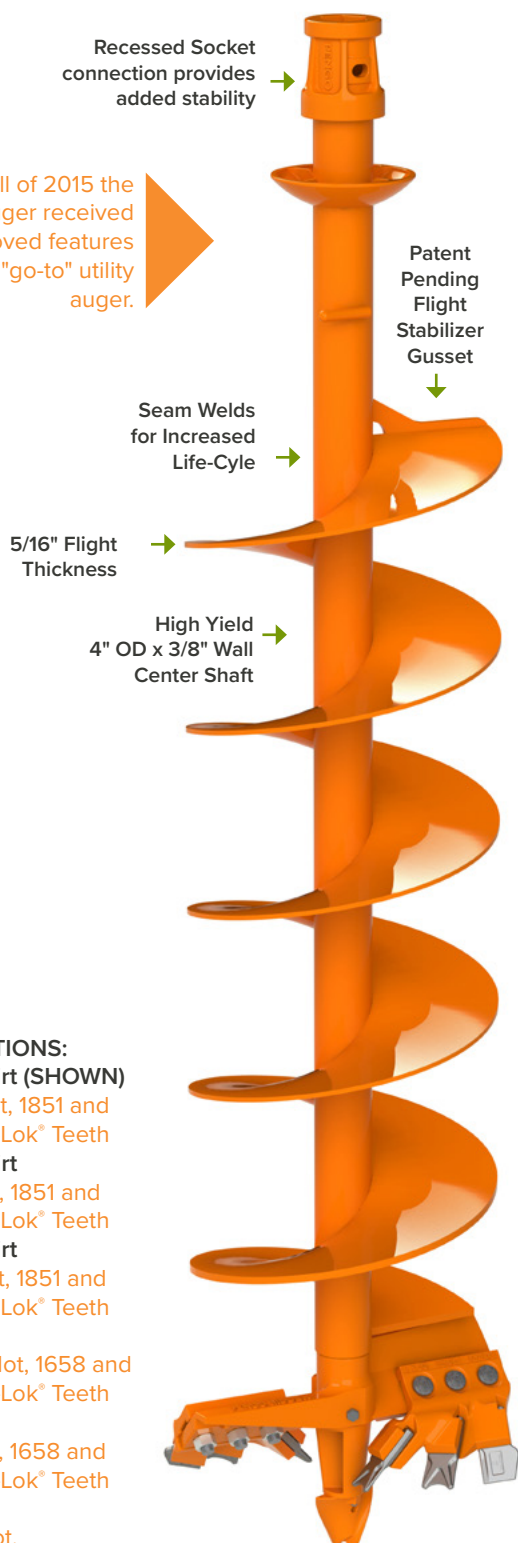


# UTILITY AUGERS



88", 102" and 104" OAL

**FACT:** In the Fall of 2015 the Pengo Utility auger received some improved features making this the "go-to" utility auger.



## AVAILABLE OPTIONS:

1. **Standard Dirt (SHOWN)**  
FH-205 Pilot, 1851 and 1652 Fas-N-Lok® Teeth
2. **Standard Dirt**  
P-1650 Pilot, 1851 and 1652 Fas-N-Lok® Teeth
3. **Standard Dirt**  
TF-600 Pilot, 1851 and 1652 Fas-N-Lok® Teeth
4. **Carbide**  
FH-205C Pilot, 1658 and 1656 Fas-N-Lok® Teeth
5. **Carbide**  
P-1656 Pilot, 1658 and 1656 Fas-N-Lok® Teeth
6. **Rock**  
RCP-6.5 Pilot, SL-02 Conical Teeth

HEX 2" 2 5/8"

HEX 2 1/2"

8" 9" 10" 12" 14" 16" 18" 20"

22" 24" 26" 27" 30" 36" 42" 48"

## CUT DIAMETER

Cut diameter is 1 1/2" larger than auger diameter.

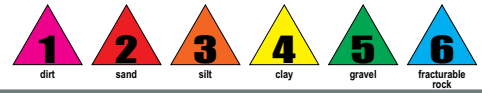
## DRILLING SOIL CONDITIONS:



Originally a Pengo patent, our MD auger line is the most widely used utility auger in the world. Recent enhancements include a recessed hub connection for added stability, seam welds for increased life cycle, high yield center shaft walls and a patent pending flight stabilizer gusset. Offered in a wide variety of flight lengths and head options, Pengo can provide a customized auger specifically for your drilling applications.

## UTILITY AUGERS

# UTILITY AUGERS



## DIRT AUGERS | 104" Overall Length, 60" Flight



### Item Description

| ITEM        | DIA | NO. 1851 | with FH-205 Pilot |           |           | with P-1650 Pilot |           |           | with TF-600 Pilot |           |           |
|-------------|-----|----------|-------------------|-----------|-----------|-------------------|-----------|-----------|-------------------|-----------|-----------|
|             |     |          | LBS               | 2 1/2" PN | 2 5/8" PN | LBS               | 2 1/2" PN | 2 5/8" PN | LBS               | 2 1/2" PN | 2 5/8" PN |
| 8-MD-10460  | 8"  | 0        | 171               | 552375    | 100049    | 191               | 100043    | 100051    | 171               | 100057    | 100058    |
| 9-MD-10460  | 9"  | 0        | 170               | 552380    | 100107    | 109               | 100101    | 100109    | 170               | 100115    | 100116    |
| 10-MD-10460 | 10" | 0        | 195               | 552385    | 100165    | 215               | 100159    | 100167    | 195               | 100173    | 100174    |
| 12-MD-10460 | 12" | 2        |                   | 552390    | 100224    |                   | 100218    | 100226    | 250               | 100231    | 100232    |
| 14-MD-10460 | 14" | 2        |                   | 552395    | 100282    |                   | 100275    | 100284    |                   | 100289    | 100290    |
| 16-MD-10460 | 16" | 2        |                   | 552400    | 100359    |                   | 100350    | 100362    |                   | 100371    | 100372    |
| 18-MD-10460 | 18" | 4        | 350               | 552405    | 100441    | 370               | 100431    | 100443    | 350               | 100453    | 100454    |
| 20-MD-10460 | 20" | 4        |                   | 552410    | 100523    |                   | 100513    | 100525    |                   | 100535    | 100536    |
| 22-MD-10460 | 22" | 4        |                   | 552415    | 100585    |                   | 100579    | 100587    |                   | 100593    | 100594    |
| 24-MD-10460 | 24" | 5        | 440               | 552420    | 100663    | 460               | 100653    | 100665    | 440               | 100675    | 100676    |
| 27-MD-10460 | 27" | 6        |                   | 552425    | 100725    |                   | 100719    | 100727    |                   | 100733    | 100734    |
| 30-MD-10460 | 30" | 6        |                   | 552430    | 100783    |                   | 100777    | 100785    |                   | 100791    | 100792    |
| 36-MD-10460 | 36" | 6        | 595               | 552435    | 100841    | 615               | 100835    | 100843    | 595               | 100849    | 100850    |
| 42-MD-10460 | 42" | 8        |                   | 552436    | 100899    |                   | 100893    | 100901    |                   | 100907    | 100908    |
| 48-MD-10460 | 48" | 8        |                   | 552437    | 100957    |                   | 100951    | 100959    |                   | 100965    | 100966    |



\*All dirt augers above include two 1652 outside gage teeth.

## CARBIDE AUGERS | 104" Overall Length, 60" Flight



### Item Description

| ITEM        | DIA | NO. 1656 | with FH-205C Pilot |           |           | with P-1656 Pilot |           |           |
|-------------|-----|----------|--------------------|-----------|-----------|-------------------|-----------|-----------|
|             |     |          | LBS                | 2 1/2" PN | 2 5/8" PN | LBS               | 2 1/2" PN | 2 5/8" PN |
| 8-MD-10460  | 8"  | 0        | 171                | 100045    | 100053    | 191               | 100047    | 100055    |
| 9-MD-10460  | 9"  | 0        | 170                | 100103    | 100111    | 109               | 100105    | 100113    |
| 10-MD-10460 | 10" | 0        | 195                | 100161    | 100170    | 215               | 100163    | 100172    |
| 12-MD-10460 | 12" | 2        | 235                | 100219    | 100227    |                   | 100222    | 100230    |
| 14-MD-10460 | 14" | 2        | 265                | 100277    | 100285    |                   |           | 100288    |
| 16-MD-10460 | 16" | 2        | 305                | 100351    | 100364    |                   | 100353    | 100366    |
| 18-MD-10460 | 18" | 4        | 350                | 100434    | 100445    | 370               | 100435    | 100447    |
| 20-MD-10460 | 20" | 4        | 385                | 554547    | 100527    |                   | 100517    | 100529    |
| 22-MD-10460 | 22" | 4        | 415                | 100582    | 100589    |                   | 100583    | 100591    |
| 24-MD-10460 | 24" | 5        | 440                | 554549    | 100667    | 460               | 100657    | 100669    |
| 27-MD-10460 | 27" | 6        |                    | 100721    | 100729    |                   | 100723    | 100731    |
| 30-MD-10460 | 30" | 6        |                    | 100779    | 100787    |                   | 100781    | 100789    |
| 36-MD-10460 | 36" | 6        | 595                | 100837    | 100845    | 615               | 100839    | 100847    |
| 42-MD-10460 | 42" | 8        |                    | 100895    | 100903    |                   | 100897    | 100905    |
| 48-MD-10460 | 48" | 8        |                    | 100953    | 100961    |                   | 100955    | 100963    |

\*All dirt augers above include two 1658 outside gage teeth.

## ROCK AUGERS | 104" OAL, 60" Flight

### Item Description

### with RCP-6.5 Pilot

| ITEM        | DIA | NO. SL02 | LBS | 2 1/2" PN | 2 5/8" PN |
|-------------|-----|----------|-----|-----------|-----------|
| 16-MD-10460 | 16" | 8        |     | 100357    | 100369    |
| 18-MD-10460 | 18" | 10       | 370 | 100439    | 100451    |
| 20-MD-10460 | 20" | 10       |     | 100521    | 100533    |
| 24-MD-10460 | 24" | 12       | 506 | 100661    | 100673    |



Additional sizes available by contacting Pengo Customer Service at 800.599.0211.

# UTILITY AUGERS

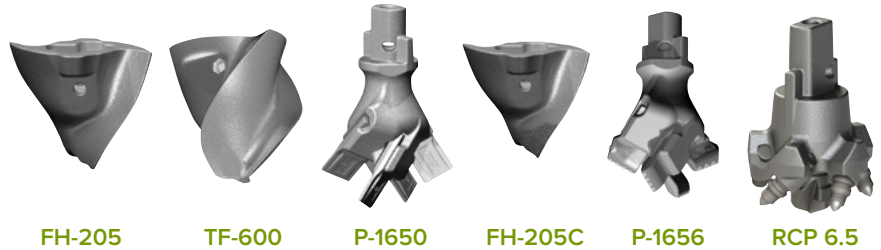


## PARTS | Pilot Bits

Pengo Pilots and Teeth are rated for drilling conditions that may or may not be applicable to your power source. Refer to the soil chart listed on page 2 of the Utility Catalog to determine which tooth type is right for the job.

| ITEM           |  | LBS     | PART NO. |
|----------------|--|---------|----------|
| FH-205         |  | 2.7 LBS | 157382   |
| TF-600         |  | 8.5 LBS | 137357   |
| P-1650         |  | 8.5 LBS | 131726   |
| FH-205C        |  | 3 LBS   | 132260   |
| P-1656         |  | 24 LBS  | 131727   |
| RCP 6.5 Bullet |  | 18 LBS  | 132116   |

RCP Pilot Includes 5 SL-02 Teeth and CP-18



FH-205

TF-600

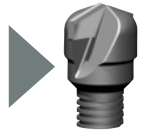
P-1650

FH-205C

P-1656

RCP 6.5

The RCP 6.5 Pilot uses the above Center Point 18. A Center Point 16 is also available.



## PARTS | Fas-N-Lok® Teeth

| ITEM      |  | LBS    | PART NO. |
|-----------|--|--------|----------|
| 1650 Dirt |  | .5 LBS | 140200   |
| 1851 Dirt |  | .5 LBS | 140017   |
| 1652 Gage |  | .5 LBS | 140020   |
| 1652 HF   |  | .6 LBS | 140086   |
| 1656      |  | .6 LBS | 140005   |
| 1658 Gage |  | 1 LBS  | 140006   |
| RB56      |  | .4 LBS | 140022   |
| RB58      |  | .4 LBS | 140015   |



1650

1851

1652

1652HF

1656

1658

RB56

RB58

Fas-N-Lok® Teeth are manufactured with vulcanized rubber attached to the inside of the tooth, thus eliminating the need for RubRLok.

## PARTS | Concial Teeth

| ITEM     |                | LBS    | PART NO. |
|----------|----------------|--------|----------|
| SL-02    | .87 Shank Dia. | .6 LBS | 850031   |
| S-387-BF |                | .4 LBS | 850030   |



SL-02



S-387-BF



C123 Puller

Use with .86 shank size conical teeth

LBS | 3

PN | 134091

## TRIDENT® SERIES | Holder and Teeth

One Holder, Three Teeth  
for Pengo Utility augers

Conical Tooth

Non-Rotating  
Tooth

Non-Rotating  
Wedge Tooth



NRH-87

Fits .87" shank tooth

LBS | .56 ea.

PN | 990087

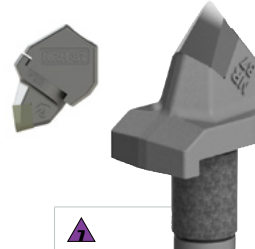


SL-02 Tooth

.87" shank

LBS | .56 ea.

PN | 850031



NR-87 Tooth

.87" shank

LBS | .99 ea.

PN | 990094



NRW-87 Tooth

.87" shank

LBS | 1.33 ea.

PN | 990100



## UTILITY AUGERS



## PARTS | MD Boring Heads

To Install: The MDOBH has an extended ramp on one side for welding to flight edge. Weld completely around center shaft and flight edge using a low hydrogen rod.

| ITEM     | DIA | NO. 1851 | LBS | PN     |
|----------|-----|----------|-----|--------|
| 8-MDOBH  | 8"  | 0        | 41  | 552005 |
| 9-MDOBH  | 9"  | 0        | 42  | 552010 |
| 10-MDOBH | 10" | 0        | 47  | 552015 |
| 12-MDOBH | 12" | 2        | 64  | 552025 |
| 14-MDOBH | 14" | 2        | 60  | 552030 |
| 16-MDOBH | 16" | 2        | 61  | 552035 |
| 18-MDOBH | 18" | 4        | 73  | 552040 |
| 20-MDOBH | 20" | 4        | 75  | 552045 |
| 22-MDOBH | 22" | 4        | 78  | 552050 |
| 24-MDOBH | 24" | 5        | 95  | 552055 |
| 26-MDOBH | 26" | 6        | 105 | 552060 |
| 27-MDOBH | 27" | 6        | 109 | 552065 |
| 30-MDOBH | 30" | 6        | 121 | 552070 |
| 36-MDOBH | 26" | 6        | 140 | 552075 |
| 42-MDOBH | 42" | 8        | 160 | 552076 |
| 48-MDOBH | 48" | 11       | 180 | 552077 |

## Boring Head Kits

Include: Shank Plates, PA-183L Pilot Bit Adapter, FH-205 Pilot, two 1652 and 1851 Teeth Series Fas-N-Lok® Teeth, nuts and bolts.

**P.D.Q.**  
PENG0 DELIVERS QUICK

Pengo's  
Quick Ship  
Auger Program

HOW IT WORKS: **1.** Select any ONE size auger from the list below. **2.** Place your order by 12:00pm CST with your Pengo Customer Service Representative and be sure to reference P.D.Q. when ordering. **3.** Auger(s) will ship by the end of the day to your chosen location.

## TF-600 1851 and 1652 Fas-N-Lok® Teeth

| ITEM        | DIA | NO. 1656 | LBS | 2 1/2" PN | 2 5/8" PN |
|-------------|-----|----------|-----|-----------|-----------|
| 18-MD-10460 | 18" | 4        | 350 | 103312    | 100454    |
| 20-MD-10460 | 20" | 4        | 385 | 103319    | 100536    |
| 22-MD-10460 | 22" | 4        | 415 | 103326    | 100594    |
| 24-MD-10460 | 24" | 5        | 440 | 103331    | 100676    |

## FH-205C Pilot, 1656 and 1658 Fas-N-Lok® Teeth

|             |     |   |     |        |        |
|-------------|-----|---|-----|--------|--------|
| 18-MD-10460 | 18" | 4 | 350 | 103313 | 100445 |
| 20-MD-10460 | 20" | 4 | 385 | 103320 | 100527 |
| 22-MD-10460 | 22" | 4 | 415 | 103327 | 100589 |
| 24-MD-10460 | 24" | 5 | 440 | 103332 | 100667 |

## RCP-6.5 Pilot and SL-02 Concial Teeth

|             |     |   |     |        |        |
|-------------|-----|---|-----|--------|--------|
| 18-MD-10460 | 18" | 4 | 350 | 100439 | 100451 |
| 20-MD-10460 | 20" | 4 | 385 | 100521 | 100533 |
| 24-MD-10460 | 24" | 5 | 440 | 100661 | 100673 |

NOTE: Only one auger per size, per order will ship same day. Standard transit lead time applies to destination. Applies only to augers listed above. H-250 and H-262 Augers will be shipped with dish welded to auger.

## SCREW ANCHOR TOOL

The SAT-85 is used for installing and removing anchors, without having to remove the auger. Slip the SAT-85 over the pilot, lock, and you are ready to attach your anchor.



SAT-85

LBS | 17

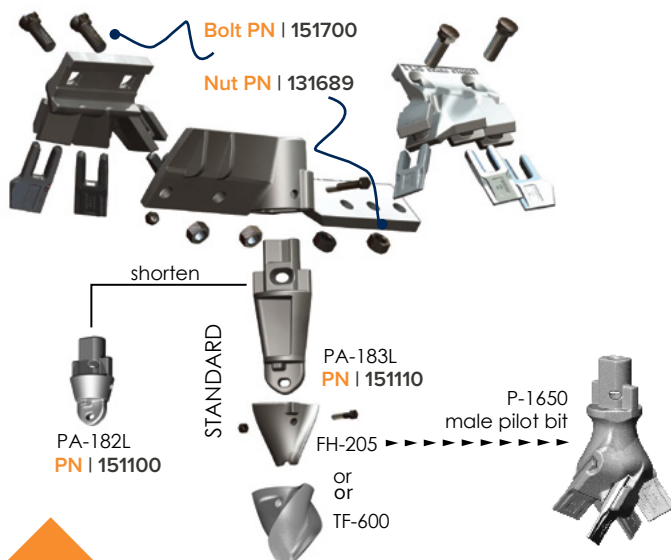
PN | 157533

REPLACEMENT  
PARTS for SAT-85

U-BOLT | 157534

NUT | 131683

CAUTION: The SAT-85 is for installation of anchors. You may use it to remove anchors as long as the u-bolt is securely in place. Failure to meet these precautions may cause safety hazards.



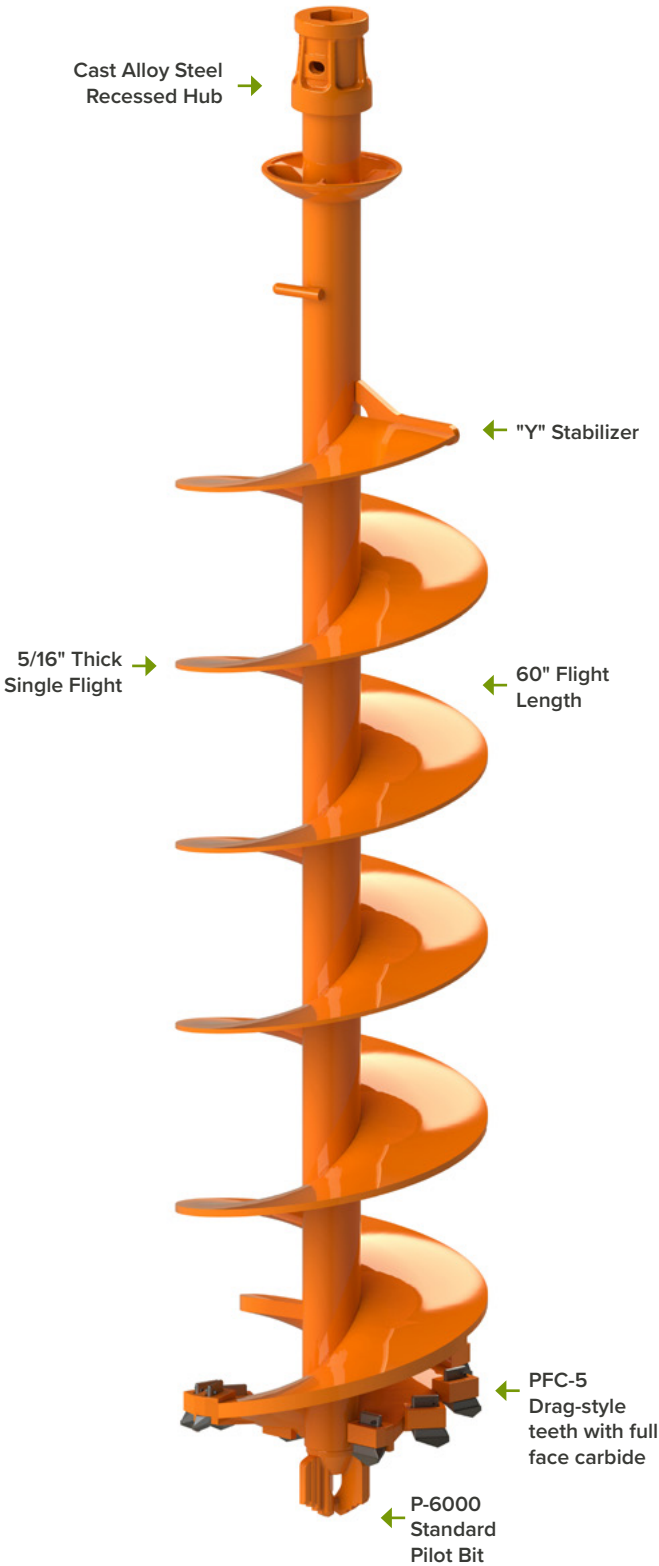
## MD BORING HEAD

PENG0 Utility Augers provide an abundance of drilling options. The above diagram depicts a typical Pengo dirt auger boring head with standard teeth and pilot bits. These boring heads provide many options depending on your drilling conditions.

# UTILITY STEP ROCK



104" OAL



HEX 2" 2<sup>5</sup>/<sub>8</sub>"

HEX 2<sup>1</sup>/<sub>2</sub>"

9" 10" 12" 14" 16" 18" 20"

24" 30" 36"

**CUT DIAMETER**  
Cut diameter is 1 1/2" larger than auger diameter.

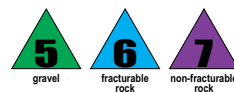
**DRILLING SOIL CONDITIONS:**

| NOT RECOMMENDED |      |      |      | HIGHLY RECOMMENDED |                  |                      |
|-----------------|------|------|------|--------------------|------------------|----------------------|
| 1               | 2    | 3    | 4    | 5                  | 6                | 7                    |
| dirt            | sand | silt | clay | gravel             | fracturable rock | non-fracturable rock |



Pengo's Step Rock auger is specifically designed to overcome highly abrasive, non fracturable drilling applications. Featuring the same industry leading features of all Pengo Utility Augers, the Step Rock auger offers a recessed hub for added stability, seam welds for increased life cycle performance, our Patent-Pending flight stabilizer gusset and a high yield 4"OD center shaft. In addition, the Step Rock auger features a P-6000 API threaded pilot bit with PFC drag style teeth for highly abrasive soil in hard rock.

## UTILITY STEP ROCK



## AUGERS | 104" Overall Length

| ITEM         | DIA | NO. TEETH | LBS | 2" HEX | 2 1/2" HEX | 2 5/8" HEX |
|--------------|-----|-----------|-----|--------|------------|------------|
| 9-MDR-10460  | 9"  | 4         | 174 | 101100 | 554330     | 101101     |
| 10-MDR-10460 | 10" | 4         | 183 | 101102 | 554331     | 101103     |
| 12-MDR-10460 | 12" | 4         | 217 | 101104 | 554332     | 101105     |
| 14-MDR-10460 | 14" | 4         | 244 | 101106 | 554333     | 101107     |
| 16-MDR-10460 | 16" | 4         | 298 | 101108 | 554320     | 101109     |
| 18-MDR-10460 | 18" | 6         | 327 | 101110 | 554335     | 101111     |
| 20-MDR-10460 | 20" | 8         | 344 | 101112 | 554321     | 101113     |
| 24-MDR-10460 | 24" | 12        | 434 | 101114 | 554322     | 101115     |
| 30-MDR-10460 | 30" | 16        | 560 | 101116 | 554338     | 101117     |
| 36-MDR-10460 | 36" | 20        | 590 | 101118 | 554339     | 101119     |



## PARTS | Pilot Bits

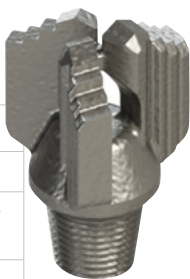


## P-6000

Step Rock pilot with API connection; for use in hard, fracturable rock

**LBS** | 8

**PN** | 151275



## PARTS | Teeth



## PFC-5

Drag style carbide tooth for highly abrasive soil in hard rock

**LBS** | 1

**PN** | 140115

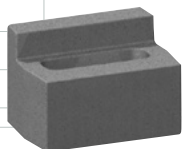


## PFC-5H

Holder for PFC-5 drag style teeth

**LBS** | 1.5

**PN** | 157027



## P-10 ROLL PIN

Use with PFC-5 Tooth to secure tooth to shank. 6mm X 20mm

**LBS** | .1

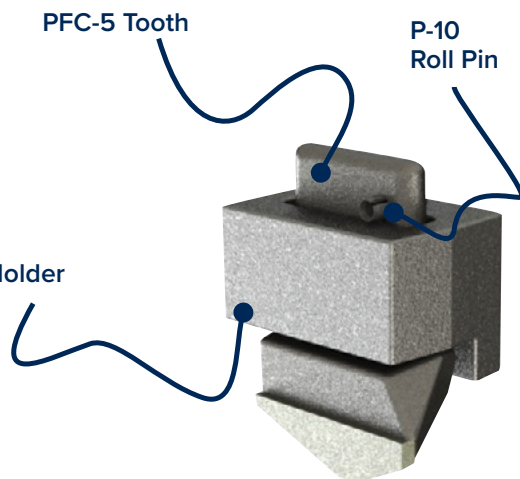
**PN** | 137610



PFC-5 Tooth

P-10  
Roll Pin

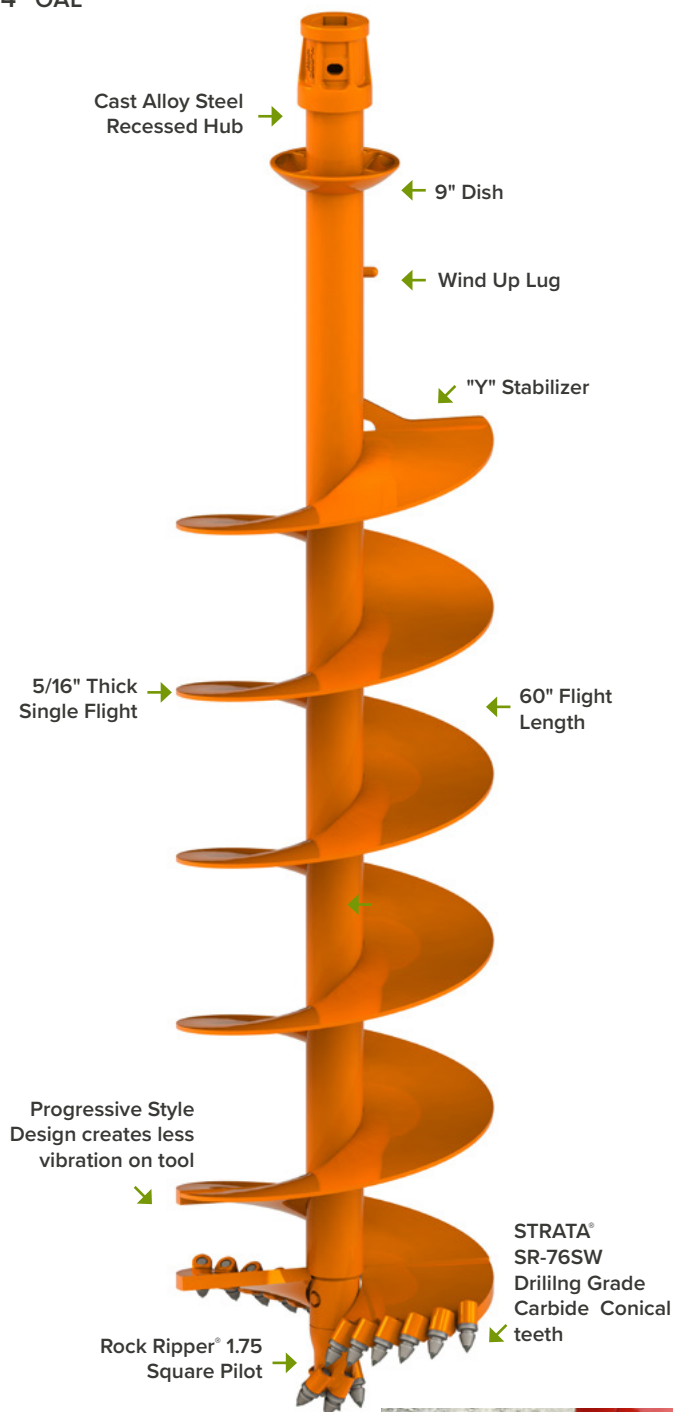
PFC-5H Holder



## UTILITY ROCK RIPPER



104" OAL



HEX 2" 2 5/8"

HEX 2 1/2"

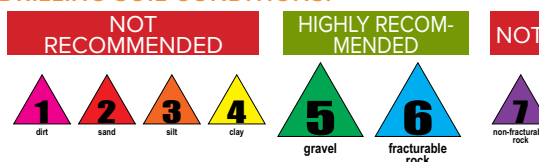
9" 10" 12" 14" 16" 18" 20"

24" 30" 36"

## CUT DIAMETER

Cut diameter is 1 1/2" larger than auger diameter.

## DRILLING SOIL CONDITIONS:



Pengo's Utility Rock Ripper® auger is a dedicated rock auger that overcomes gravel, fracturable, and non-fracturable drilling applications. Featuring a "progressive style" design, both pocket and teeth angles provide a smooth drilling action that minimizes vibration. All Rock Ripper® augers feature our exclusive Strata® series conical teeth, which offer drilling grade carbide that produces longer life cycles and greatly improves drilling efficiencies.

**FACT:** The redesigned progressive-style Rock Ripper® allows the auger to "bite" into the rock which reduces the vibration while it increases drilling production.



## UTILITY ROCK RIPPER



## AUGERS | 104" Overall Length

| ITEM         | DIA | NO. TEETH | LBS | 2" HEX | 2 1/2" HEX | 2 5/8" HEX |
|--------------|-----|-----------|-----|--------|------------|------------|
| 9-MRR-10460  | 9"  | 8         | 200 | 101150 | 133600     | 101151     |
| 10-MRR-10460 | 10" | 9         | 225 |        | 134705     |            |
| 12-MRR-10460 | 12" | 10        | 250 | 101152 | 133601     | 101153     |
| 16-MRR-10460 | 16" | 13        | 300 | 101154 | 133602     | 101155     |
| 18-MRR-10460 | 18" | 14        | 340 | 101156 | 133603     | 101157     |
| 20-MRR-10460 | 20" | 16        | 360 | 101158 | 133604     | 101159     |
| 22-MRR-10460 | 22" | 17        | 390 |        | 101679     | 102898     |
| 24-MRR-10460 | 24" | 19        | 420 | 101160 | 133605     | 101161     |
| 30-MRR-10460 | 30" | 23        | 470 | 101162 | 133606     | 101163     |
| 36-MRR-10460 | 36" | 27        | 500 | 101164 | 133615     | 101165     |



## PARTS | Pilot Bits



## RRP 1.75 SQ

Rock pilot for use in hard, fractureable rock

LBS | 15

PN | 137208

Use 1.75SQ Adapter PN | 137203



## THE NUTS &amp; BOLTS:

Included with the RRP 1.75 SQ Pilot.

When purchased individually, this pilot ships with four STRATA® SR-76SW conical teeth.

## PARTS | Teeth



## STRATA® SR-76SW

LBS | .7

PN | 850035



Strata Drilling Grade Conical Teeth were developed by Pengo for the Drilling industry.



## SRL08

LBS | .5

PN | 990021

## P-10 Pocket

.86 Shank pocket for PRL-08 and SR-76SW Conical Teeth

LBS | .8

PN | 990043



## ACCESSORIES:

To prevent carbide on conical teeth from breaking, Pengo highly recommends using a soft hammer during installation of bullet teeth.



## Soft Hammer

LBS | 3.5

PN | 137737

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



## C30 Puller

LBS | 3

PN | 134090

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



## C123 Puller

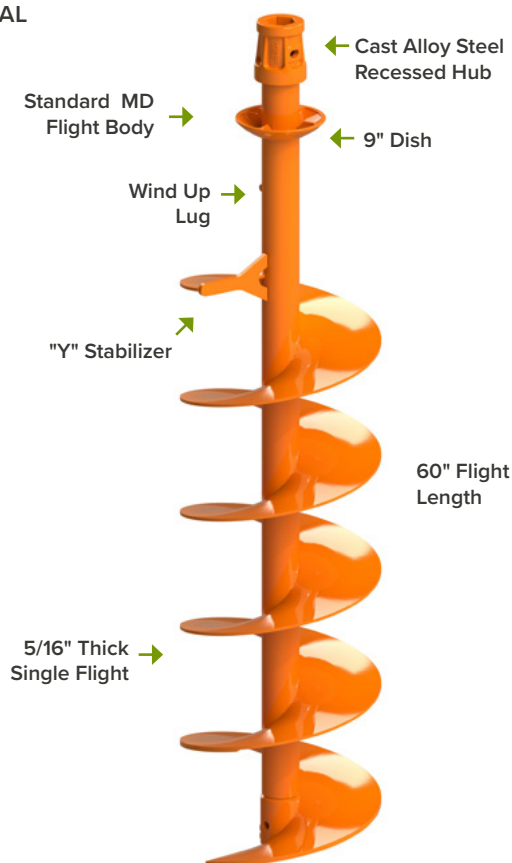
LBS | 3

PN | 134091

## MD QUICK CHANGE



104" OAL



|     |        |        |     |     |     |     |     |     |     |
|-----|--------|--------|-----|-----|-----|-----|-----|-----|-----|
| HEX | 2"     | 2 5/8" | 9"  | 10" | 12" | 14" | 16" | 18" | 20" |
| HEX | 2 1/2" |        | 24" | 30" | 36" |     |     |     |     |

**CUT DIAMETER**  
Cut diameter is 1 1/2" larger than auger diameter.

### DRILLING SOIL CONDITIONS:



### AVAILABLE OPTIONS:

1. **Standard Dirt**  
FH-205 Pilot, 1851 and 1652 Fas-N-Lok™ Teeth  
or TF-600 Pilot, 1851 and 1652 Teeth
- 1a. **Carbide**  
FH-205C Pilot, 1656 and 1658 Fas-N-Lok™ Teeth
2. **Step Rock**  
P-6000 Pilot and PFC-5 Drag Style Tooth
3. **Rock Ripper®**  
RRP 1.75 Pilot and SR-76SW STRATA® Conical Teeth



When faced with a variety of drilling conditions, Pengo's MD quick change system is the most versatile solution in the market. Just select your flight body and choose between dirt, rock, or step rock heads. Choose all three and you're prepared to handle any drilling condition with a single tool.

## MD QUICK CHANGE



## FLIGHT SECTIONS | 104" OAL

| ITEM         | DIA | LBS | 2" HEX PN | 2 1/2" HEX PN | 2 5/8" HEX PN |
|--------------|-----|-----|-----------|---------------|---------------|
| 8-FMD-10460  | 8"  |     | 101016    | 556575        | 101017        |
| 9-FMD-10460  | 9"  |     | 101018    | 556580        | 101019        |
| 10-FMD-10460 | 10" |     | 101020    | 556585        | 101021        |
| 12-FMD-10460 | 12" |     | 101022    | 556595        | 101023        |
| 14-FMD-10460 | 14" |     | 101024    | 556600        | 101025        |
| 16-FMD-10460 | 16" |     | 101026    | 556605        | 101027        |
| 18-FMD-10460 | 18" |     | 101028    | 556610        | 101029        |

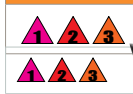
| ITEM         | DIA | LBS | 2" HEX PN | 2 1/2" HEX PN | 2 5/8" HEX PN |
|--------------|-----|-----|-----------|---------------|---------------|
| 20-FMD-10460 | 20" |     | 101030    | 556615        | 101031        |
| 22-FMD-10460 | 22" |     | 101032    | 556620        | 101033        |
| 24-FMD-10460 | 24" |     | 101034    | 556625        | 101035        |
| 26-FMD-10460 | 26" |     | 101036    | 556630        | 101037        |
| 27-FMD-10460 | 27" |     | 101038    | 556635        | 101039        |
| 30-FMD-10460 | 30" |     | 101040    | 556640        | 101041        |
| 36-FMD-10460 | 36" |     | 101042    | 556645        | 101043        |

## HEADS | Dirt and Carbide

| ITEM     | DIA | 1851 TEETH | FH-205 PN | TF-600 PN | FH-205C PN |
|----------|-----|------------|-----------|-----------|------------|
| POMDH-8  | 8"  | 0          | 556500    | 101579    | 101044     |
| POMDH-9  | 9"  | 0          | 556505    | 101580    | 101045     |
| POMDH-10 | 10" | 0          | 556510    | 101581    | 101046     |
| POMDH-12 | 12" | 2          | 556520    | 101582    | 101047     |
| POMDH-14 | 14" | 2          | 556525    | 101583    | 101048     |
| POMDH-16 | 16" | 2          | 556530    | 101584    | 101049     |
| POMDH-18 | 18" | 4          | 556535    | 101585    | 101050     |
| POMDH-20 | 20" | 4          | 556540    | 101586    | 101051     |
| POMDH-22 | 22" | 4          | 556545    | 101587    | 101052     |
| POMDH-24 | 24" | 5          | 556550    | 101588    | 101053     |
| POMDH-26 | 26" | 6          | 556555    | 101589    | 101054     |
| POMDH-27 | 27" | 6          | 556560    | 101590    | 101055     |
| POMDH-30 | 30" | 6          | 556565    | 101591    | 101056     |
| POMDH-36 | 36" | 6          | 556570    | 101592    | 101057     |

\*All dirt heads include two 1652 outside gage teeth and carbide heads include two 1658 outside gage teeth and 1656 teeth.

## OPTION 1



FH-205 Pilot

LBS | 2.7

PN | 157382



1851 Tooth

LBS | .5

PN | 140017

## OPTION 1A



FH-205C Pilot

LBS | 2.1

PN | 132260



TF-600

LBS | 8.5

PN | 137357



1652 Tooth

LBS | .5

PN | 140020



1656 Tooth

LBS | .7

PN | 140005



1658 Tooth

LBS | 1

PN | 140006

## HEADS | Step Rock and Rock

| ITEM     | DIA | PFC-5 TEETH | P-6000 PN |
|----------|-----|-------------|-----------|
| POMDR-9  | 9"  | 4           | 554680    |
| POMDR-10 | 10" | 4           | 554687    |
| POMDR-12 | 12" | 4           | 554681    |
| POMDR-14 | 14" | 4           | 554688    |
| POMDR-16 | 16" | 6           | 554682    |
| POMDR-18 | 18" | 8           | 554683    |
| POMDR-20 | 20" | 8           | 554684    |
| POMDR-24 | 24" | 12          | 554685    |
| POMDR-30 | 30" | 16          | 554686    |
| POMDR-36 | 36" | 18          | 554689    |

| ITEM     | DIA | SR76SW TEETH | RRP-1.75 PN |
|----------|-----|--------------|-------------|
| POMRR-9  | 9"  | 8            | 133607      |
| POMRR-10 | 10" | 9            | 133621      |
| POMRR-12 | 12" | 10           | 133608      |
| POMRR-14 | 14" | 12           | 102095      |
| POMRR-16 | 16" | 13           | 133609      |
| POMRR-18 | 18" | 14           | 133610      |
| POMRR-20 | 20" | 16           | 133611      |
| POMRR-24 | 24" | 19           | 133612      |
| POMRR-30 | 30" | 23           | 133613      |
| POMRR-36 | 36" | 27           | 133620      |

## OPTION 2



P-6000

LBS | 8

PN | 151275



PFC-5

LBS | 1

PN | 140115



## OPTION 3



RRP-1.75 Sq

LBS | 15

PN | 137208



SR-76SW

LBS | .56

PN | 850035

ROCK RIPPER

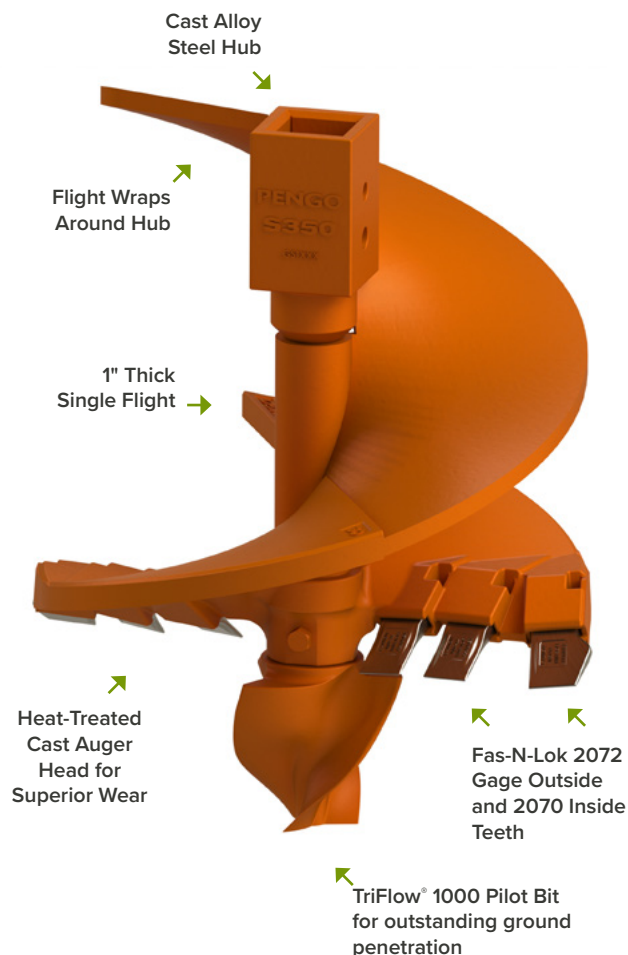


STRATA

# PRESSURE DIGGER DIRT



30" and 36" OAL



SQUARE  
SQUARE  
SQUARE

2 1/2"

3"

4"

3 1/2"

9" 12" 16" 18" 20" 24" 28"

30" 36" 42" 48" 60" 72"

## CUT DIAMETER

True Cut diameter is equal to the auger diameter.

## DRILLING SOIL CONDITIONS:

HIGHLY RECOMMENDED

RECOMMENDED

NOT RECOMMENDED



dirt



sand



silt



clay



gravel



fracturable rock



non-fracturable rock



The Pengo PDD augers feature a cast heat treated head that provides superior wear and performance compared to normal fabricated augers. In addition the cast head is field repairable with standard welding techniques, utilizing low hydrogen welding rods and no pre or post heating requirement.

These rugged augers feature a 1 1/2" thick lead flight followed by a 1" thick formed trailing flight. The 10" cut three-flute TriFlow® pilot provides outstanding ground penetration. PDD bits are equipped with Pengo's exclusive Fas-N-Lok® teeth, making replacement quick and easy.

# PRESSURE DIGGER DIRT



## AUGERS | 30" Overall Length

| ITEM      | DIA | NO. 2070 TEETH | NO. 2072 TEETH | LBS | S-250 PN | S-300 PN | S-350 PN | S-400 PN |
|-----------|-----|----------------|----------------|-----|----------|----------|----------|----------|
| 16-PDD-30 | 16" | 0              | 2              |     |          | 102945   | 136338   | 102991   |
| 18-PDD-30 | 18" | 1              | 2              |     | 102535   | 102946   | 136339   | 102992   |
| 20-PDD-30 | 20" | 2              | 2              |     |          | 102947   | 136340   |          |
| 24-PDD-30 | 24" | 3              | 2              |     | 102522   | 136356   | 136341   | 102993   |
| 28-PDD-30 | 28" | 4              | 2              |     |          |          | 102593   | 102994   |
| 30-PDD-30 | 30" | 4              | 2              |     |          | 136357   | 136343   |          |
| 36-PDD-30 | 36" | 6              | 2              |     | 102819   | 102429   | 136344   | 102995   |
| 42-PDD-30 | 42" | 8              | 2              |     |          |          | 136345   | 102996   |
| 48-PDD-30 | 48" | 10             | 2              |     | 102426   | 102415   | 136346   | 102997   |
| 60-PDD-30 | 60" | 18             | 2              |     |          |          | 136347   |          |

## CAST DIRT HEAD

For Repair of your PDD Auger

Weld-On head for quick field repair.



The PENGU Pressure Digger Dirt Augers are built with a heat-treated cast dirt head. These cast heads are high strength and low maintenance.

| ITEM    | DIA | NO. TEETH | LBS | PN     |
|---------|-----|-----------|-----|--------|
| DIRT 16 | 16" | 1         | 120 | 752810 |
| DIRT 18 | 18" | 1         | 135 | 752811 |
| DIRT 20 | 20" | 2         | 153 | 752812 |
| DIRT 24 | 24" | 3         | 180 | 752813 |
| DIRT 36 | 36" | 6         | 270 | 752814 |
| DIRT 48 | 48" | 8         | 345 | 752815 |

All Include two 2072 outside gage teeth and 2070 inside teeth.

## PARTS | Pilot Bits



TF-1000

LBS | 43

PN | 137348

Uses S-250 Pilot Adapter  
PN | 151598



Heavy-duty dirt pilot with 2 1/2" square stem for easy installation.

### THE NUTS & BOLTS:

Included with the TF-1000 Pilot Bit assembly.

## PARTS | Fas-N-Lok® Dirt Teeth



2070 Dirt

LBS | 2

PN | 140002



2072 Dirt

LBS | 2.3

PN | 140000



FAS-N-LOK® Dirt Teeth have vulcanized rubber attached to tooth thus making installation quick and easy.

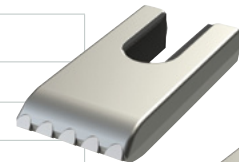
## PARTS | Fas-N-Lok® Carbide Teeth



2077

LBS | 2.3

PN | 140003



2078

LBS | 2.4

PN | 140004



Drift Punch

LBS | .8

PN | 137750

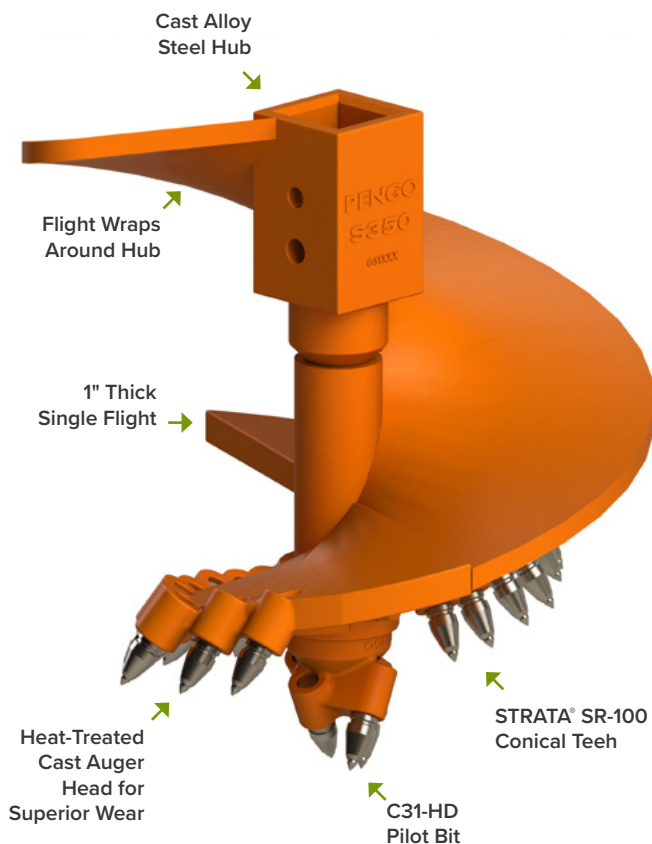


Use the Drift Punch for easy removal.

# PRESSURE DIGGER ROCK



30" and 36" OAL



**FACT:** The Pengo® PDR is great for use in undesirable rocky conditions and in areas with minimum ground clearance.

SQUARE  
SQUARE  
SQUARE

2 1/2"

3"

4"

3

9" 12" 16" 18" 20" 24" 28"

30" 36" 42" 48" 60" 72"

## CUT DIAMETER

True Cut diameter is equal to the auger diameter.

## DRILLING SOIL CONDITIONS:

HIGHLY RECOMMENDED

RECOMMENDED

NOT RECOMMENDED



Pengo® True Cut PDR augers are made with thick, heat-treated cast alloy heads and Pengo's own STRATA® SR-100 conical teeth. The cast heat treated head provides superior wear and performance compared to normal fabricated augers. In addition the cast head is field repairable with standard welding techniques, utilizing low hydrogen welding rods and no pre- or post-heating requirement.

# PRESSURE DIGGER ROCK



## AUGERS | 30" Overall Length

| ITEM      | DIA | NO. TEETH | LBS | S-250 PN | S-300 PN | S-350 PN | S-400 PN |
|-----------|-----|-----------|-----|----------|----------|----------|----------|
| 9-PDR-30  | 9"  | 6         |     | 102401   |          | 101005   |          |
| 10-PDR-30 | 10" | 6         |     | 102941   | 102889   |          |          |
| 12-PDR-30 | 12" | 8         |     | 101975   |          | 101006   |          |
| 16-PDR-30 | 16" | 8         |     | 102460   | 102365   | 101007   |          |
| 18-PDR-30 | 18" | 9         |     | 101976   |          | 101008   |          |
| 20-PDR-30 | 20" | 11        |     | 102386   | 102603   |          | 102069   |
| 24-PDR-30 | 24" | 12        |     |          |          | 101009   |          |
| 30-PDR-30 | 30" | 17        |     | 102450   |          | 101010   | 102070   |
| 36-PDR-30 | 36" | 20        |     |          | 101713   | 101011   |          |
| 42-PDR-30 | 42" | 24        |     | 102957   | 102185   | 101012   |          |
| 48-PDR-30 | 48" | 28        |     |          |          | 101013   |          |
| 60-PDR-30 | 60" | 37        |     |          | 102361   | 101014   |          |
| 72-PDR-30 | 72" | 44        |     |          |          | 101015   |          |

## CAST ROCK HEAD

Weld-On head for quick field repair.

For Repair  
of your  
PDR Auger



The PENGU Pressure Digger Rock Augers are built with a heat-treated cast dirt head. These cast heads are high strength and low maintenance.

| ITEM    | DIA | NO. TEETH | LBS | PN     |
|---------|-----|-----------|-----|--------|
| ROCK 16 | 16" | 8         | 70  | 752800 |
| ROCK 18 | 18" | 9         | 77  | 752801 |
| ROCK 20 | 20" | 11        | 85  | 752802 |
| ROCK 24 | 24" | 12        | 102 | 752803 |
| ROCK 30 | 30" | 17        | 127 | 752804 |
| ROCK 36 | 36" | 20        | 153 | 752805 |
| ROCK 42 | 42" | 24        | 180 | 752806 |
| ROCK 48 | 48" | 28        | 204 | 752807 |

## PARTS | Pilot Bits



C31HD 8.5

LBS | 30

PN | 135913

Uses S-250 Pilot Adapter  
PN | 151598



### PILOT BIT ASSEMBLY:

The C31HD includes four SR-100 STRATA® Conical teeth.

### PINS and WASHERS:

Included with the Pilot bit assembly.

## PARTS | Conical Teeth



STRATA® SR-100

LBS | 1.1

PN | 850023

STRATA

Large Carbide  
Tip for extreme  
hard rock drilling



To prevent carbide on conical teeth from breaking, Pengo highly recommends using a soft hammer during installation of bullet teeth.



S31-HD

LBS | 1.1

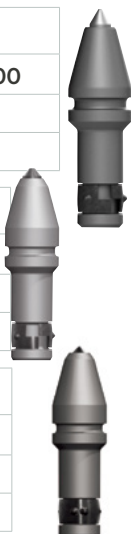
PN | 850037



S31

LBS | 1.3

PN | 850026



P30 Pocket

LBS | 2.6

PN | 990001

Soft Hammer

LBS | 3.5

PN | 137737

## TRIDENT® SERIES | Holder and Teeth



NRH-100

Fits 1" shank  
tooth

LBS | 2.4 ea.

PN | 990088

TRIDENT  
U.S. PATENT NO. D,778,967



One  
Holder,  
Three  
Teeth for  
Pengo PDR  
augers!

Conical Tooth

Non-Rotating  
Tooth

Non-Rotating  
Wedge Tooth



SR-100

LBS | .56 ea.

PN | 850023



NR-100

LBS | .99 ea.

PN | 990092



NRW-100

LBS | 1.33 ea.

PN | 990098

# UTILITY SHANK PLATES and KITS



## SHANK PLATES | Bolt on Shanks for Utility Augers

| ITEM   | DIA     | TEETH | MM  | BOLTS | LBS  | PN     |
|--------|---------|-------|-----|-------|------|--------|
| 810X   | 8"-10"  | 1     | 203 | 1     | 5.5  | 553997 |
| 12X    | 11"-13" | 2     | 279 | 1     | 11   | 553998 |
| 145X   | 14"     | 2     | 356 | 2     | 10.9 | 553999 |
| 16X1   | 16"     | 2     | 406 | 2     | 9.5  | 554000 |
| 16X2   | 16"     | 2     |     | 2     | 9.5  | 554001 |
| 18X1   | 18"     | 3     | 457 | 2     | 14   | 554002 |
| 18X2   | 18"     | 3     |     | 2     | 14   | 554003 |
| 20X-1  | 20"     | 3     | 508 | 2     | 14   | 554004 |
| 20X-2  | 20"     | 3     |     | 2     | 14   | 554005 |
| 22X-1  | 22"     | 3     | 559 | 3     | 16   | 554006 |
| 22X-2  | 22"     | 3     |     | 3     | 16   | 554007 |
| 24X-1  | 24"     | 3     | 610 | 3     | 18   | 554008 |
| 24X-2  | 24"     | 4     |     | 3     | 18   | 554009 |
| 267X-1 | 26"-27" | 4     | 620 | 4     | 20.5 | 554010 |
| 267X-2 | 26"-27" | 4     |     | 4     | 20.5 | 554011 |
| 30X-1  | 30      | 4     | 762 | 4     | 25.5 | 554014 |
| 30X-2  | 30      | 4     |     | 4     | 25.5 | 554015 |
| 36X-1  | 36      | 4     | 914 | 4     | 32   | 554016 |
| 36X-2  | 36      | 4     |     | 4     | 32   | 554017 |

Available in sizes  
from 8" to 36"



Nuts and Bolts  
included

Use to repair worn  
shanks on MD dirt  
augers

How To Determine which shank you need. Example - 20X-1 and 20X-2.

Order one of each if both shanks need to be replaced.

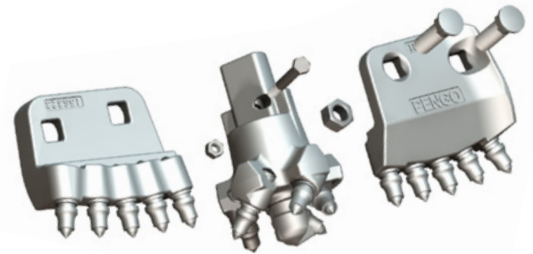
If only need to replace one shank, the end-user needs to provide number from either the shank that he is replacing or the one he still has. If your customer provides you with the shank he still has, i.e. 20X-1, then you will need to order the 20X-2 shank.

## SHANK KIT | Bolt on Rock Shank Kits for Utility Augers

| ITEM   | DIA | TEETH | LBS  | PN     |
|--------|-----|-------|------|--------|
| RSK-16 | 16" | 13    | 43.5 | 554230 |
| RSK-18 | 18" | 15    | 56.3 | 554231 |
| RSK-20 | 20" | 15    | 51.5 | 554232 |
| RSK-24 | 24" | 17    | 56.5 | 554233 |

### SHANK & PILOT ROCK KIT

Includes: Rock Shank Plates, RCP-6.5 Pilot and SL-02 Conical Teeth. These shank plates bolt on to MDOBH heads and allows for drilling in fracturable rock.



## SHANK KIT | Bolt on Rock Shanks for Utility Augers

| ITEM   | DIA | TEETH | LBS  | PN     |
|--------|-----|-------|------|--------|
| RSP-16 | 16" | 4     | 12.5 | 554240 |
| RSP-18 | 18" | 5     | 15   | 554241 |
| RSP-20 | 20" | 5     | 16.5 | 554242 |
| RSP-24 | 24" | 6     | 19   | 554243 |

### PENGO Style Rock Shanks

Includes: Rock Shank Plates, and SL-02 Conical Teeth. Numbers below are per shank.

These shank plates bolt on to MDOBH heads and allows for drilling in fracturable rock.

# UTILITY ADAPTERS and HUBS



## ADAPTER HUBS | For Utility Augers

| FE-MALE | X | MALE  | LBS | PN     |
|---------|---|-------|-----|--------|
| H-200   | X | H-250 | 22  | 132609 |
| H-200   | X | H-262 | 23  | 133379 |
| H-250   | X | H-200 | 30  | 132419 |
| H-250   | X | H-262 | 26  | 136466 |
| H-262   | X | H-200 | 26  | 133938 |
| H-262   | X | H-250 | 30  | 132702 |
| H-300   | X | H-200 | 22  | 132608 |
| H-300   | X | H-250 | 30  | 132086 |
| H-300   | X | H-262 | 30  | 131263 |
| S-250   | X | S-300 | 41  | 133914 |
| S-350   | X | S-250 | 66  | 132938 |



Listed are just a few of our most requested adapter sizes. We offer over one hundred different sizes, so please contact PENGGO if you are in need of something other than what is listed above.

## HUBS | For Utility Auger Repair

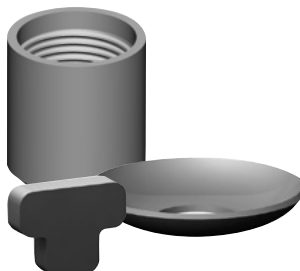
| ITEM    | DESC           | LBS  | PN     |
|---------|----------------|------|--------|
| H-200 U | 2" Universal   | 10.5 | 154121 |
| H-250   | 2 1/2" Slotted | 19.7 | 154141 |
| H-262   | 2 5/8" Slotted | 17.6 | 154151 |
| H-225   | 2 1/4" Cast    | 12.5 | 154160 |
| H-300   | 3" Cast        | 21   | 154205 |
| S-250   | 2 1/2" Cast    | 21   | 154010 |
| S-300   | 3" Cast        | 40   | 154020 |
| S-350   | 3 1/2" Cast    | 52.3 | 154030 |



Listed are the common Utility auger replacement hubs. For additional items please contact our sales department

## ACCESSORIES | Storage

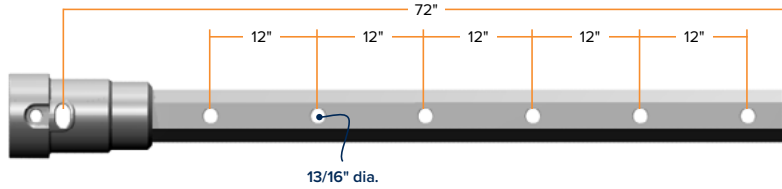
| ITEM                             | LBS | PN     |
|----------------------------------|-----|--------|
| 10" 1345-3.75 DISH               | 6.8 | 151735 |
| 10" CUST - 4" ID DISH            | 7   | 132875 |
| 8" 1345-3.00 DISH                | 4.5 | 151732 |
| 8" 1345-3.75 DISH                | 4.5 | 151731 |
| 2 3/8" API, 3 1/2" OD BOX THREAD | 6.1 | 132191 |
| 2-3/8" API, 4" OD BOX THREAD     | 7   | 151193 |
| REACH ALL WIND-UP                | 0.8 | 157704 |



# UTILITY EXTENSIONS



## EXTENSION | Telescoping



| ITEM    | DESCRIPTION           | LBS | PN     |
|---------|-----------------------|-----|--------|
| HE20-12 | 2" HEX X 12"          | 22  | 557142 |
| HE20-24 | 2" HEX X 24"          | 34  | 557143 |
| HE20-36 | 2" HEX X 36"          | 46  | 557144 |
| HE20-48 | 2" HEX X 48"          | 58  | 557145 |
| HE20-60 | 2" HEX X 60"          | 70  | 557146 |
| HE20-72 | 2" HEX X 72"          | 82  | 557147 |
| HE25-12 | 2 1/2" HEX X 12"      |     | 557126 |
| HE25-24 | 2 1/2" HEX X 24"      |     | 557162 |
| HE25-36 | 2 1/2" HEX X 36"      |     | 557128 |
| HE25-48 | 2 1/2" HEX X 48"      |     | 557129 |
| HE25-60 | 2 1/2" HEX X 60"      |     | 557130 |
| HE25-72 | 2 1/2" HEX X 72"      |     | 557163 |
| HE26-12 | 2 5/8" HEX X 12"      |     | 557119 |
| HE26-24 | 2 5/8" HEX X 24"      |     | 557120 |
| HE26-36 | 2 5/8" HEX X 36"      |     | 557121 |
| HE26-48 | 2 5/8" HEX X 48"      |     | 557122 |
| HE26-60 | 2 5/8" HEX X 60"      |     | 557160 |
| HE26-72 | 2 5/8" HEX X 72"      |     | 557161 |
|         | H-250F X H-262M X 72" |     | 557172 |
|         | H-262F X H-250M X 72" |     | 557170 |

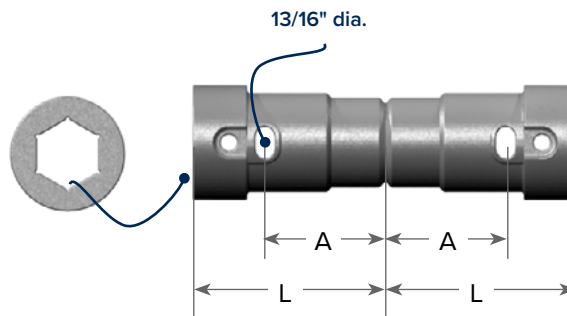
Listed are the common MD telescoping extensions. For additional items please contact our sales department.

## EXTENSION BARS | No Hubs, with Holes

| ITEM                 | LBS | PN     |
|----------------------|-----|--------|
| 2" HEX X 72" STD     |     | 137570 |
| 2-5/8" HEX X 72" STD |     | 137572 |
| H-250 X 72" STD      |     | 137571 |

## COUPLERS | Hex

| ITEM    | DESCRIPTION     | A  | L  | LBS | PN     |
|---------|-----------------|----|----|-----|--------|
| H-200-C | 2" x 2"         | 3" | 8" | 13  | 553400 |
| H-250-C | 2 1/2" x 2 1/2" | 5" | 8" | 22  | 553402 |
| H-262-C | 2 5/8" x 2 5/8" | 5" | 8" | 21  | 553403 |



**SELECTION.  
INNOVATION.  
PERFORMANCE.**

