



## FOR THE MOST DEMANDING DRILLING APPLICATIONS

**Designed for drilling in fracturable hard rock and extremely abrasive conditions**

### Shallow Pitch Flights

By working with and, more importantly, listening to operators feedback we have developed the perfect pitch for our flights. It will cut at its maximum efficiency and, most importantly the spoil will stay on your cutting head when you remove it from the hole.

### Rock Pilot and Tooth

Auger Torque Tapered Cutting Heads are offered with our rotating Rock tooth and pilot to suit your hard rock needs.

### Hub Options

Our Hard Rock Augers are available in 2 popular hub sizes:-

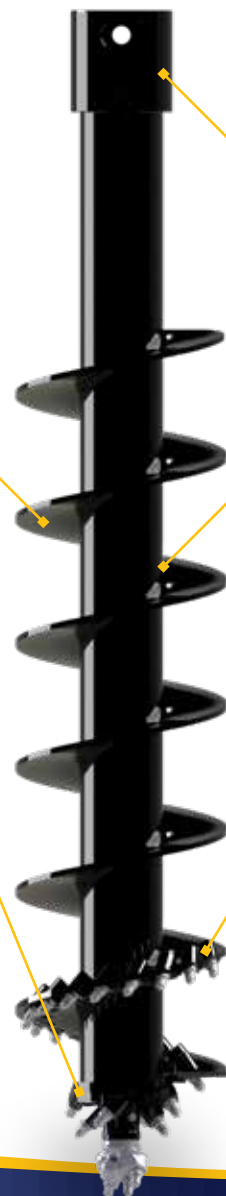
- ▶ 75mm and 110mm Square

### Heavy Duty Tube

We know that the Hard Rock Auger range will be used for the toughest applications so we only use the highest grade steel and vary our tube size according to machine size and application.

### Tapered Cutting Path

Our cutting heads are designed with a Constant Spiral Cut. Teeth are located so that each makes its own fresh cut on every revolution and are angled to direct spoil towards the centre of the Cutting Head. The tooth cutting angle ensures spoil is broken up thoroughly to avoid any clogging.



# HARD ROCK AUGER

A perfect choice for excavators between 5-50T, these augers are designed to get the hole drilled when regular rock augers start to refuse. Made to spec from the highest grade steel, we are confident our hard rock auger range will stand up to the toughest of applications time & time again

### Features

- ▶ Designed for drilling in fracturable hard rock and extremely abrasive conditions.
- ▶ Aggressive tapered cutting head with rotating picks
  - Heavy duty tube for rotational strength.
- ▶ 20mm thick starter flights.
- ▶ Shallow pitch flights to hold more spoil.
- ▶ Designed so only the rotating picks wear not the pockets/ holders.
- ▶ Can be made fully flighted in timed sections
- ▶ Hard facing available if needed.
- Suitable for S5,S6 and PA Auger sizes

### Applications

- ▶ Hard rock auger drilling.
- ▶ Pole and mast installations.
- ▶ Horizontal Drilling.
- ▶ Foundation piles.
- ▶ Rail applications
- ▶ Exploration & research
- ▶ Pre-drilling in extreme grounds.
- ▶ Fencing
- ▶ Well boring
- ▶ Road signage
- ▶ Sound barrier construction
- ▶ Ground source heat pump

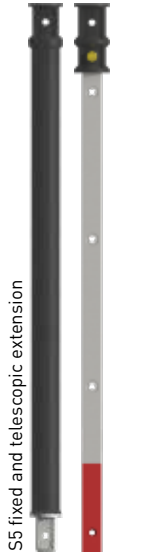
## Specifications

		AUGER DIAMETERS (mm)				
		Dia.	300	450	600	750
Auger Range	S5	Length: 2.4m				
	S6					
	PA					

### Ground source heat pump

		EXTENSIONS					
		Fixed (metres)					
		0.5	1	1.5	2	2.5	3
Auger Range	S5	-	•	•	•	-	-
	S6	-	-	•	•	•	•
	PA	-	-	-	•	-	•

		EXTENSIONS		
		Telescopic (metres)		
		1.5	2	3
Auger Range	S5	•	•	-
	S6	•	•	-
	PA	-	•	•



Part of the Auger Torque Earthmoving range  
**EARTH DRILLS | AUGERS & WEAR PARTS | MAST-BASED DRILLING RIG | TRENCHERS | HAMMERS**