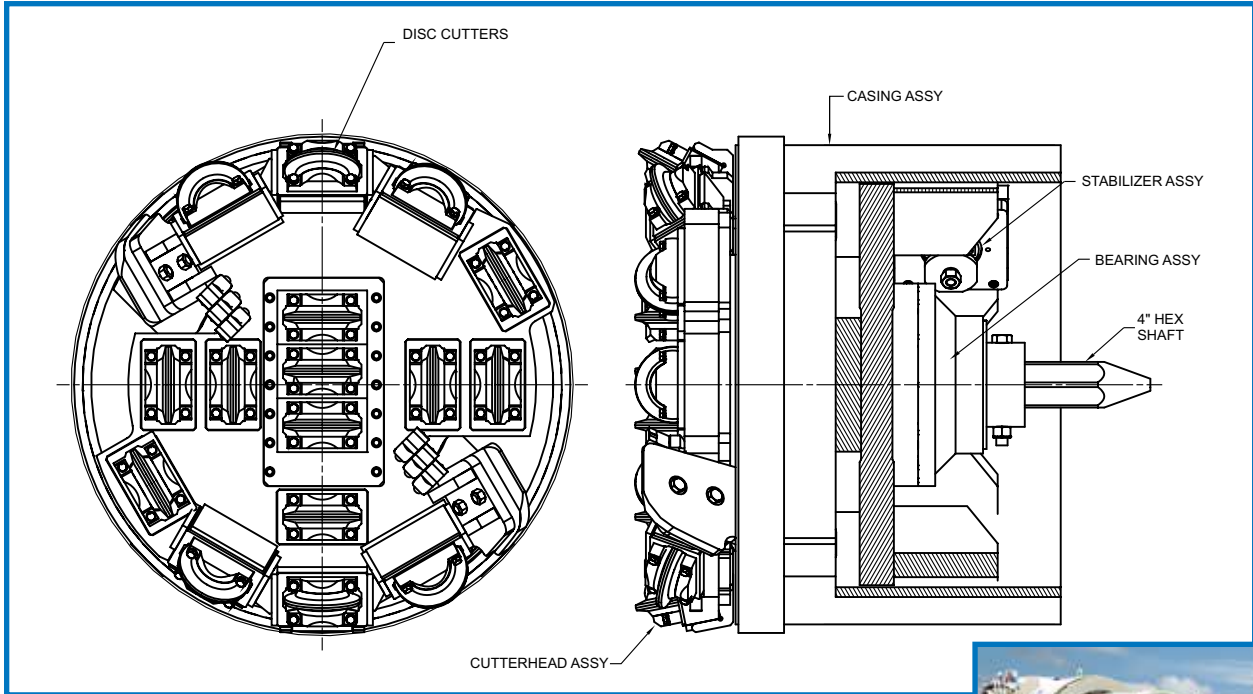


Upsize Tooling - Rock Boring Unit (RBU)



Sizes: 24", 30", 36" and 42" OD

- Rock Boring Up To 25,000 psi UCS •
- Designed For Akkerman GBM 4800 Series Frame & Auger Boring Machines •



FEATURES

- Assembly consists of the casing assembly, bearing assembly and the cutterhead assembly for disc cutter installation.
- Designed for solid rock.
- Paddles move spoils away from face to the auger for removal.
- The RBU line and grade is determined and maintained by the auger boring machine operator.
- Thrust load based on disc cutter rating.
- RBU is welded to lead casing.
- Powered with Akkerman 4800 series frame with augering adapter assembly or high torque casing adapter; or powered with auger boring machine.

SPECIFICATIONS

Outside Diameter (OD)

RBU 24	24 in. (610 mm)
RBU 30	30 in. (762 mm)
RBU 36	36 in. (914 mm)
RBU 42	42 in. (1,067 mm)

Length 42 in. (1,067 mm)

Disc Cutters Quantity

RBU 24/30	8/9
RBU 36	10/11
RBU 42	15/16

Disc Cutter Diameter 6.5 in. (170 mm)

Weight

RBU 24/30	2,200/2,800 lbs. (998/1,270 kg)
RBU 36	4,000 lbs. (1,815 kg)
RBU 42	4,700 lbs. (2,132 kg)

Hex Shaft Connection OD 4 in. (102 mm)

Rock Strength up to 25,000 psi UCS

Thrust Load

RBU 24/30	50,000 lbf (222,500 N)
RBU 36	68,000 lbf (302,600 N)
RBU 42	90,000 lbf (400,500 N)