

# Augers & Cutters

Vertical and Horizontal in Mining, Construction and Investigation



# Augers & Cutters for Mining, Construction and Investigation



## mts PERFORATOR Auger Details

- Auger diameters from 28 mm to 1680 mm
- Working lengths from 0,5m to 6 m
- Square connections with or without flushing hole from 13 mm to 24 mm
- Hexagon or octagon connections from 29 mm to 210 mm
- Special round tapped connection (Stihl)
- All types of API threaded connections like API REG ...
- Dual key hollow stem auger connections
- Lead augers and cutter heads for all types of ground

## Augers for Mining (coal, salt and other)

mts PERFORATOR offers a wide range of "small" diameter auger drill string components for mining in soft to medium ground conditions, mainly used in coal and salt mines. One of the biggest advantages of our mining augers is the snap lock connection, which allows a very comfortable and fast connecting and disconnecting of the augers. Moreover most connections are available in two versions – sealed with flushing hole or solid.

## Solid Stem Augers (for vertical or horizontal drilling)

Premium quality materials ensure the high reliability and long life of our augers. Optional hardfacing of the auger flights provides enhanced wear protection. For almost every conceivable application we offer a large variety of diameters with optimal ratio of flight pitch to auger diameter and connections with different locking options like U-pin, bolt, screw or snap lock.



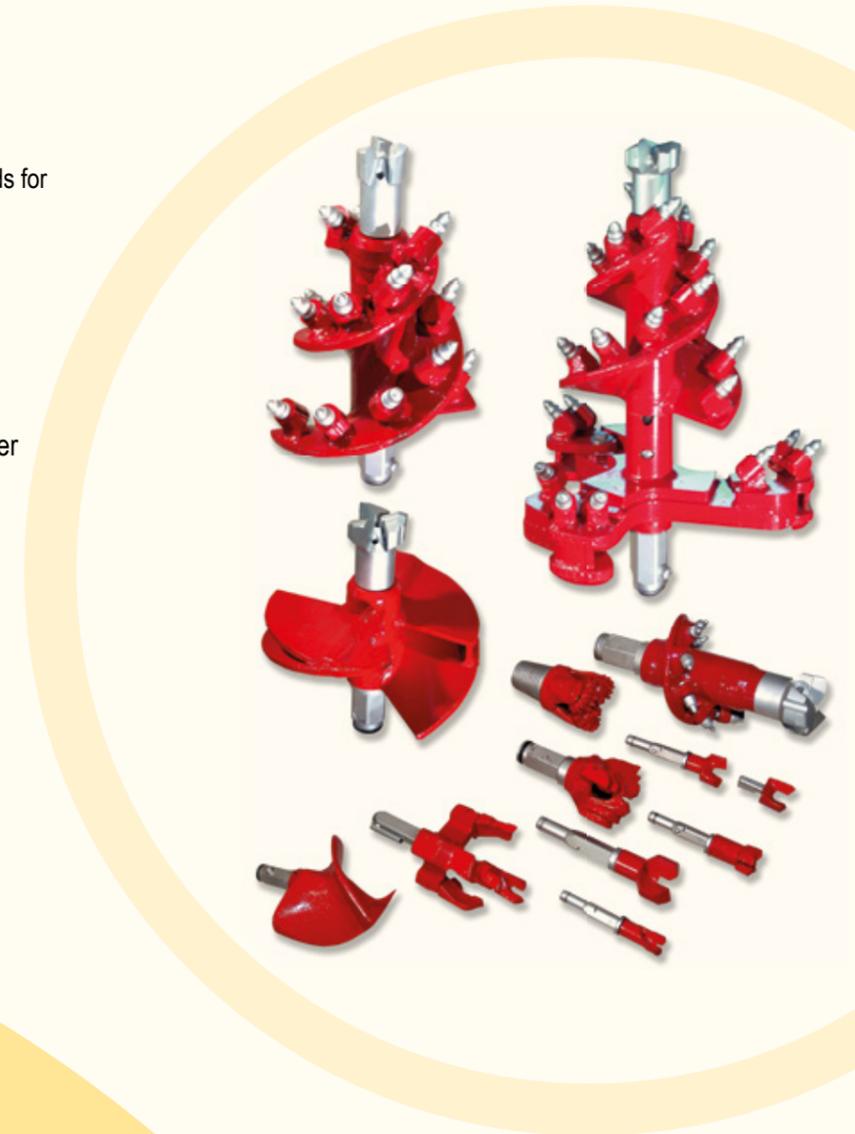
## Hollow Stem Augers

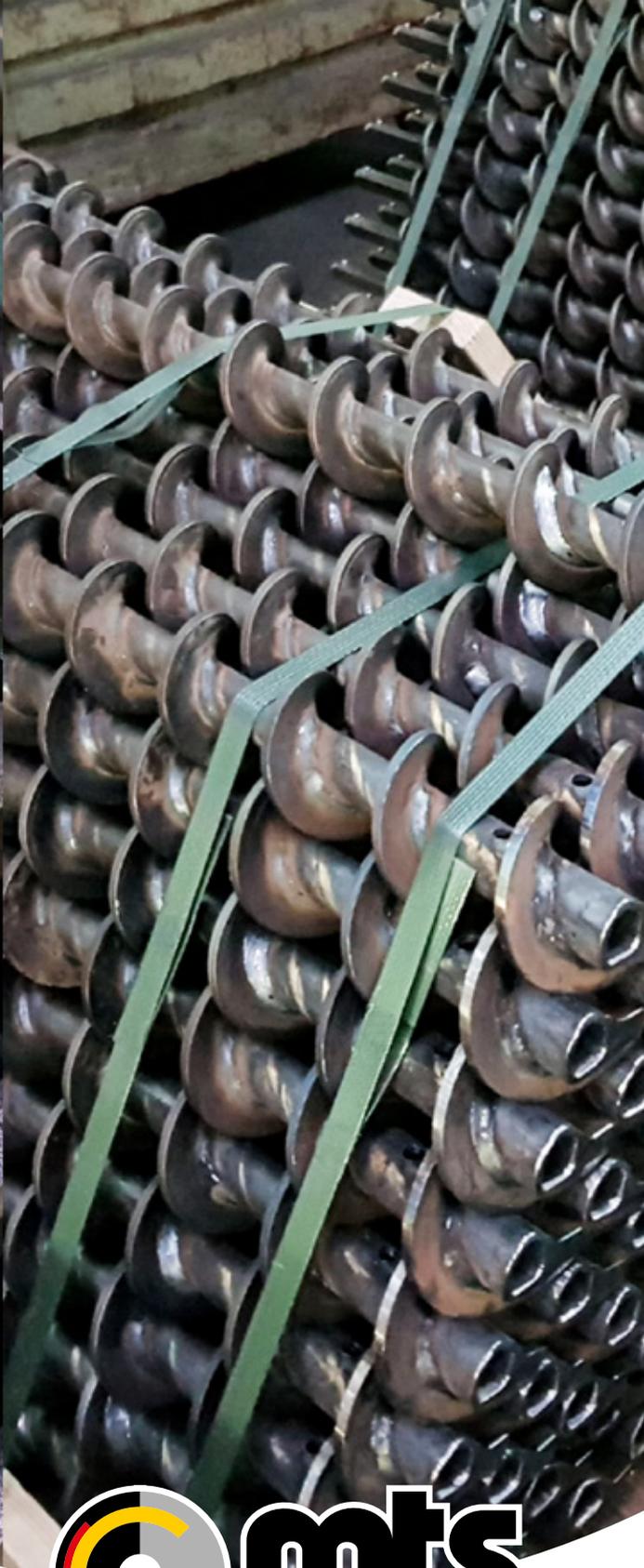
Hollow stem augers are used extensively for soil sampling and ground water monitoring in industrial and commercial installations around the world. Unlike solid augers, drill rods can pass through the center of hollow stem augers to take undisturbed soil samples for analysis or to install pipe for ground water monitoring. The most important features of our hollow stem auger coupling are strength and simplicity. Our field-proven dual or triple key system provides a strong connection and simplicity of the design results in quicker connections for maximum drilling efficiency.

## Cutter Heads

mts Perforator manufactures the right cutter heads for all types of auger for use in all soil formations:

- Fishtail bits
- Toothed cutter heads
- Rock cutter heads with T.C. picks
- Trench wing cutter heads
- Wing cutter heads with included rock cutter
- Tricone bits
- Step-type drag bits
- and more ...





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