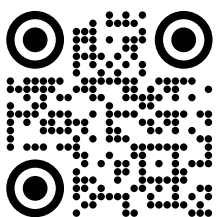




FLOATING SHOCKSUB

DRILLING COMPONENTS & CONSUMABLES



WELCOME



COMPANY OVERVIEW

With over two decades of expertise, Mammoth Technologies proudly stands as a distinguished Design and Manufacturing Corporation specializing in the Mining sector, with a strong emphasis on the Drilling industry, solidifying our robust global presence.

Our product development journey has been profoundly influenced by insights gathered from our global clients' requirements, needs, and challenges. This has inspired us to create a range of durable, cost-effective solutions tailored for different sectors of the mining industry. Our products are designed to enhance safety, streamline operations, and reduce costs.

We aim to build lasting, beneficial relationships that focus on our clients' needs, which in turn keeps our business thriving.

8" FLOATING SHOCKSUB

The 8" floating cushion sub serves two key functions. First, it allows threaded connections on the drill pipe to mate without applying excessive pressure on the threads, preserving their integrity. Second, it helps to minimize shock and vibration generated by the drill bit.

By providing some axial movement beneath the drill's rotary drive, the cushion sub's sliding spindle enables the drill operator to lower the top drive with minimal force, reducing strain on the drive spindle and other drill string components. Urethane cushions at both ends of the floating spindle absorb shocks from the bit, reducing impact on the rotary drive bearings and gearbox.

SPECIFICATIONS

Max Pulldown Force	50 kN
Max Pullback Force	40 kN
Max Torque	2.35 kNm

FEATURES

- Multi-pin drive splines
- Floating Spindle
- Upper and lower cushions
- Accessible lubrication fitting
- Threaded connections top and bottom
- Stationary washpipe and seals

BENEFITS

- Direct transfer of spindle torque
- Reduction in thread damage
- Shock and vibration is minimized
- Component life is extended
- Minimum maintenance requirements

ORDERING INFORMATION

- Thread type and size
- Spindle and pipe diameter
- Breakout flat details



10" FLOATING SHOCKSUB

The 10" floating cushion sub serves two key functions. First, it allows threaded connections on the drill pipe to mate without applying excessive pressure on the threads, preserving their integrity. Second, it helps to minimize shock and vibration generated by the drill bit.

By providing some axial movement beneath the drill's rotary drive, the cushion sub's sliding spindle enables the drill operator to lower the top drive with minimal force, reducing strain on the drive spindle and other drill string components. Urethane cushions at both ends of the floating spindle absorb shocks from the bit, reducing impact on the rotary drive bearings and gearbox.

SPECIFICATIONS

Max Pulldown Force	133 kN
Max Pullback Force	44 kN
Max Torque	7.3 kNm

FEATURES

- Multi-pin drive splines
- Floating Spindle
- Upper and lower cushions
- Accessible lubrication fitting
- Threaded connections top and bottom
- Stationary washpipe and seals

BENEFITS

- Direct transfer of spindle torque
- Reduction in thread damage
- Shock and vibration is minimized
- Component life is extended
- Minimum maintenance requirements

ORDERING INFORMATION

- Thread type and size
- Spindle and pipe diameter
- Breakout flat details



12" FLOATING SHOCKSUB

The 12" floating cushion sub serves two key functions. First, it allows threaded connections on the drill pipe to mate without applying excessive pressure on the threads, preserving their integrity. Second, it helps to minimize shock and vibration generated by the drill bit.

By providing some axial movement beneath the drill's rotary drive, the cushion sub's sliding spindle enables the drill operator to lower the top drive with minimal force, reducing strain on the drive spindle and other drill string components. Urethane cushions at both ends of the floating spindle absorb shocks from the bit, reducing impact on the rotary drive bearings and gearbox.

SPECIFICATIONS

Max Pulldown Force	267 kN
Max Pullback Force	96 kN
Max Torque	9.7 kNm

FEATURES

- Multi-pin drive splines
- Floating Spindle
- Upper and lower cushions
- Accessible lubrication fitting
- Threaded connections top and bottom
- Stationary washpipe and seals

BENEFITS

- Direct transfer of spindle torque
- Reduction in thread damage
- Shock and vibration is minimized
- Component life is extended
- Minimum maintenance requirements

ORDERING INFORMATION

- Thread type and size
- Spindle and pipe diameter
- Breakout flat details



15" FLOATING SHOCKSUB

The 15"floating cushion sub serves two key functions. First, it allows threaded connections on the drill pipe to mate without applying excessive pressure on the threads, preserving their integrity. Second, it helps to minimize shock and vibration generated by the drill bit.

By providing some axial movement beneath the drill’s rotary drive, the cushion sub’s sliding spindle enables the drill operator to lower the top drive with minimal force, reducing strain on the drive spindle and other drill string components. Urethane cushions at both ends of the floating spindle absorb shocks from the bit, reducing impact on the rotary drive bearings and gearbox.

SPECIFICATIONS

Max Pulldown Force	289 kN
Max Pullback Force	120 kN
Max Torque	11.1 kNm

FEATURES

- Multi-pin drive splines
- Floating Spindle
- Upper and lower cushions
- Accessible lubrication fitting
- Threaded connections top and bottom
- Stationary washpipe and seals

BENEFITS

- Direct transfer of spindle torque
- Reduction in thread damage
- Shock and vibration is minimized
- Component life is extended
- Minimum maintenance requirements

ORDERING INFORMATION

- Thread type and size
- Spindle and pipe diameter
- Breakout flat details



18" FLOATING SHOCKSUB

The 18" floating cushion sub serves two key functions. First, it allows threaded connections on the drill pipe to mate without applying excessive pressure on the threads, preserving their integrity. Second, it helps to minimize shock and vibration generated by the drill bit.

By providing some axial movement beneath the drill's rotary drive, the cushion sub's sliding spindle enables the drill operator to lower the top drive with minimal force, reducing strain on the drive spindle and other drill string components. Urethane cushions at both ends of the floating spindle absorb shocks from the bit, reducing impact on the rotary drive bearings and gearbox.

SPECIFICATIONS

Max Pulldown Force	311 kN
Max Pullback Force	156 kN
Max Torque	11.8 kNm

FEATURES

- Multi-pin drive splines
- Floating Spindle
- Upper and lower cushions
- Accessible lubrication fitting
- Threaded connections top and bottom
- Stationary washpipe and seals

BENEFITS

- Direct transfer of spindle torque
- Reduction in thread damage
- Shock and vibration is minimized
- Component life is extended
- Minimum maintenance requirements

ORDERING INFORMATION

- Thread type and size
- Spindle and pipe diameter
- Breakout flat details



22" FLOATING SHOCKSUB

The 22" floating cushion sub serves two key functions. First, it allows threaded connections on the drill pipe to mate without applying excessive pressure on the threads, preserving their integrity. Second, it helps to minimize shock and vibration generated by the drill bit.

By providing some axial movement beneath the drill's rotary drive, the cushion sub's sliding spindle enables the drill operator to lower the top drive with minimal force, reducing strain on the drive spindle and other drill string components. Urethane cushions at both ends of the floating spindle absorb shocks from the bit, reducing impact on the rotary drive bearings and gearbox.

SPECIFICATIONS

Max Pulldown Force	311 kN
Max Pullback Force	156 kN
Max Torque	11.8 kNm

FEATURES

- Multi-pin drive splines
- Floating Spindle
- Upper and lower cushions
- Accessible lubrication fitting
- Threaded connections top and bottom
- Stationary washpipe and seals

BENEFITS

- Direct transfer of spindle torque
- Reduction in thread damage
- Shock and vibration is minimized
- Component life is extended
- Minimum maintenance requirements

ORDERING INFORMATION

- Thread type and size
- Spindle and pipe diameter
- Breakout flat details





TECHNOLOGIES

Specialising in the design & development and manufacturing of advanced drilling equipment within the mining industry.



GLOBAL

Manufacturers and Refurbishers of hydraulic cylinders. Petrochemical related installations and Waste Oil Recovery.



PROFAB

Specialists in design, development, Laser, Profile, Cutting & Bending, Countersinking and fabrication.



MAMMOTH LLC (USA)

Distribution, after market support and maintenance to Mammoth products and systems.

A MAMMOTH COMPANY



COMPRESSOR & ENGINE
ENGINEERING
MAMMOTH group of companies

Specialists in compressed air and Locomotive compressor and Vacuum systems.

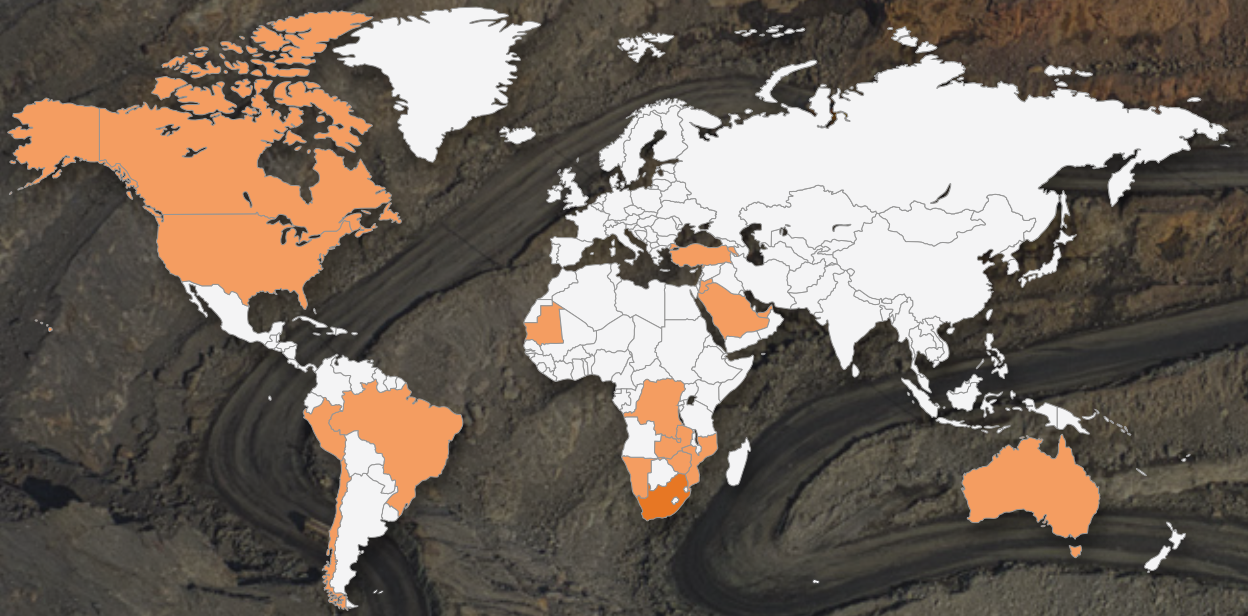


B-BBEE
LEVEL
CONTRIBUTOR 2





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