



Machino International Pvt. Ltd.

Tunneling & Underground Solutions

- *Roof Support System*
- *Equipment Rental*
- *Spare Parts for Equipments*



About MIPL

Strategic Partner for your Tunnelling needs

MIPL is the leading manufacturer, importer & solution provider for Tunnelling & Mining Projects.

Knowledge & Experience

Our management is having more than 30 years of experience in underground projects consists of highly skilled personnel, engineers, mechanical technicians and quality control. We are constantly investing in new technology, working closely with our business partners to meet our customer's current and future needs and expectation.

Professional Service

A professional but caring approach, flexibility and quick delivery times combined to provide the ideal service in support of our quality product range.

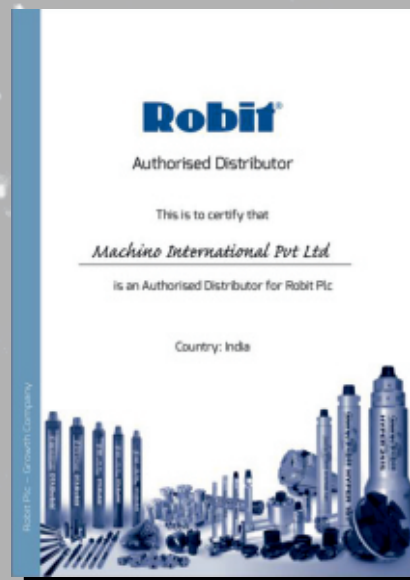
Quality Products

When assessing quality of our products we carefully consider a number of criteria including environmental suitability, ease of use, design, safety, reliability and packaging.

A Partner to Rely on

We understand the value of long term business relationships, our aim is to develop trusting relationships, which foster success and bring benefits to both our partners and ourselves.

Our Certifications





Machino International Pvt. Ltd.



Reliable Ground Support

1. Self Drilling Anchor System



2. Pipe Roofing System



3. Water Expandable Bolt & Pumps



4. Fiber Glass Bolt



5. Sleeved Grouting Pipes



6. Inflatable Packers



7. Mechanical Packers



8. Drainage Pipe



9. Robit Rock Drill Tools



10. Rentals



11. Spare Parts for Tunneling Equipment

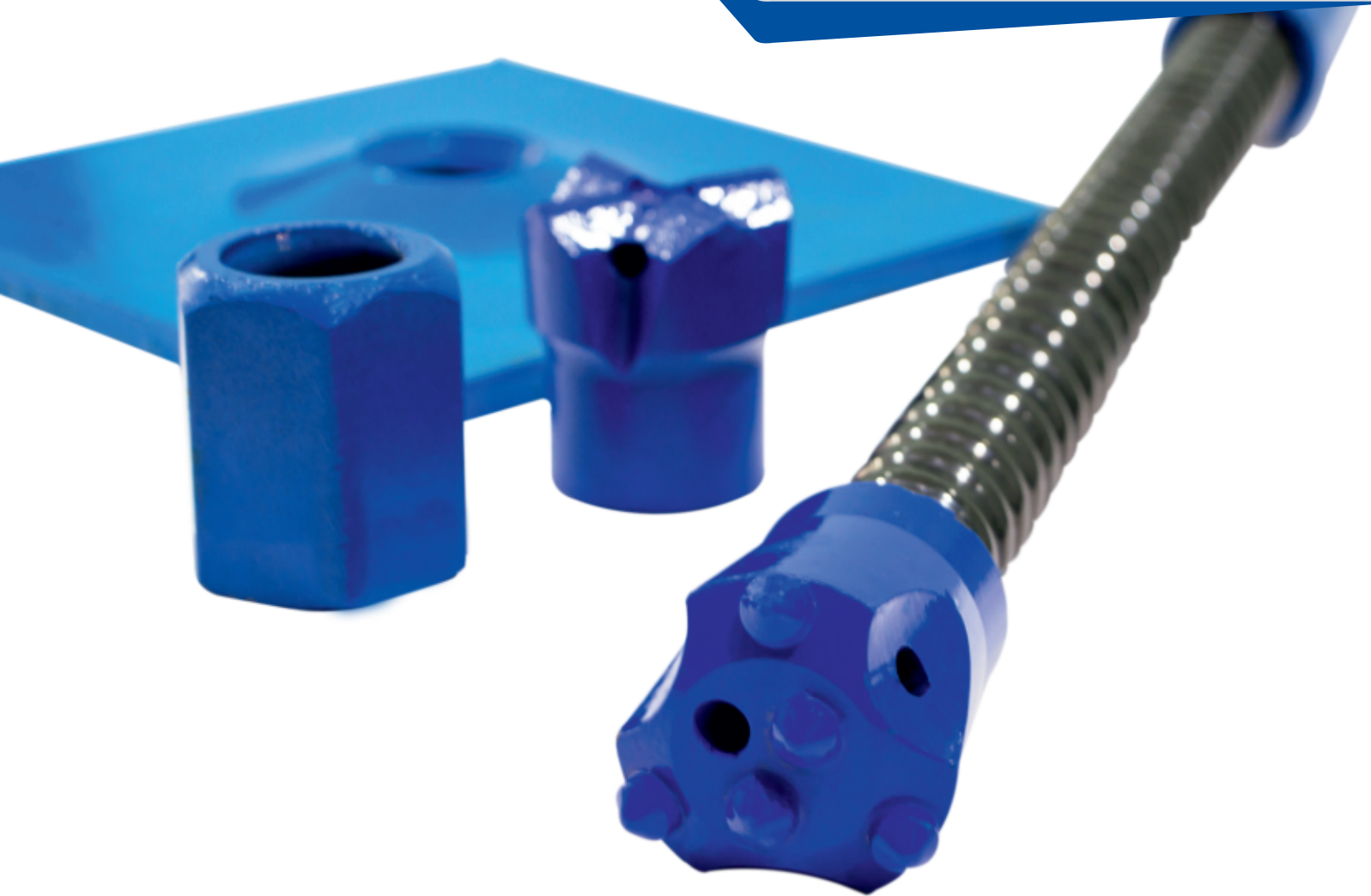




Some of Our Esteemed Clients

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SELF DRILLING ANCHOR SYSTEM

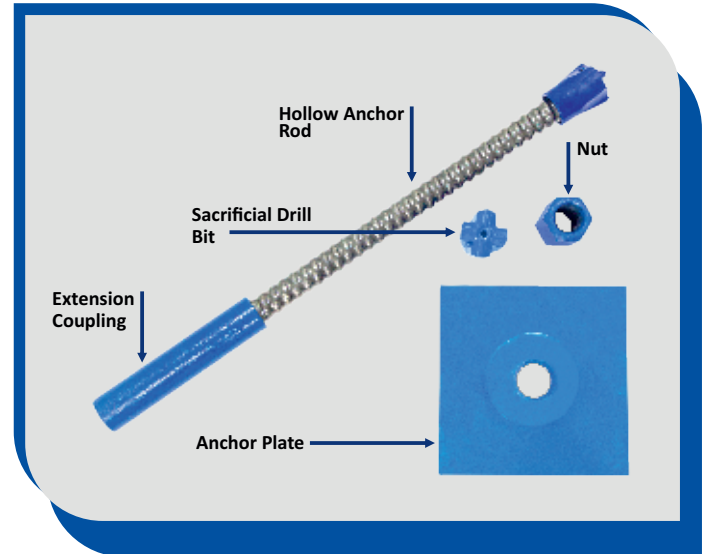
***R32, R38,
R51, T76***

Superior & Cost Effective Bolting Solution

The MIDAS Hollow Bar is a fully threaded self-drilling anchorage system which can be simultaneously drilled and grouted into loose or collapsing soils and brittle rock without the need for a casing. MIDAS Self Drilling Anchor System provide superior and cost effective bolting solution for unstable ground conditions such as sand, gravel, silt and clays and in fractured rock formations. The Self Drilling Anchor is optimized and tailored to the projects needs. Lean manufacturing methods are adopted to keep the lead times low and deliveries reliable. The production process is closely monitored and quality is controlled at every stage of the manufacturing process.

A Self-Drilling Anchor Consists of:

- **Hollow Anchor Rod** - The anchor rod has a hollow bore for flushing and grouting and has a left-hand thread for connection to standard drill tooling. It is manufactured from seamless thick wall steel tubing, cold rolled to a standard ISO rope thread profile.
- **Drill Bit** - The Anchor drill bit is the most crucial part of the anchoring system and is responsible for the productivity of the installation.
- **Extension Couplings** - The couplings enables direct end-to-end energy transmission between each bar, reducing losses and ensuring maximum percussive energy at the drill bit. All extension couplers exceed the tensile strength of bars by minimum 20%.
- **Bearing Plate** - The bearing plates are forged steel plates with a center hole, allowing articulation of seven degrees in all directions.
- **Hexagonal Nut** - The hexagonal nuts are manufactured from high precision steel with chamfered edges on both ends and tempered. All nuts exceed the tensile strength of bars by minimum 20%.



EX
*Hardened cross bit
for loose to medium
dense ground conditions*



EXX
*TC cross bit
for soft to medium
rock formations*



ESF
*Hardened button bit
for unconsolidated
rock with boulders*



ESSF
*TC button bit
for medium rock
formations*

Technical Specification

ANCHOR BAR	R32L	R32N/20	R32N	R32S/17	R32S/15	R38N/21	R38N/19	R51L	R51N	T76N	T76S
Outside Diameter (mm)	32	32	32	32	32	38	38	51	51	76	76
Internal Diameter (mm)	21	20	18	17	15	22	19	36	33	52	47
Cross Section (mm ²)	356	363	410	445	509	611	700	713	993	2000	2400
Ultimate Load (kN)	≥260	≥280	≥280	≥360	≥360	≥500	≥500	≥550	≥800	≥1600	≥1900
Yield Load (kN)	≥200	≥230	≥230	≥280	≥280	≥400	≥400	≥450	≥630	≥1200	≥1500
Weight (kg/m)	2.8	2.85	3.2	3.5	4	4.8	5.5	6.3	7.8	15	19
Thread Type	ISO10208	ISO10208	ISO10208	ISO10208	ISO10208	ISO10208	ISO10208	ISO1720	ISO1720	T-Thread	T-Thread
Type of Steel	EN10083-1	EN10083-1	EN10083-1	EN10083-1	EN10083-1	EN10083-1	EN10083-1	EN10083-1	EN10083-1	EN10083-1	EN10083-1
Thread (Left/Right Hand)	Left or Right	Left or Right	Left or Right	Left or Right	Left or Right	Left or Right	Left or Right	Left or Right	Left or Right	Left or Right	Left or Right
Length (m)	(1) x2, x3, x4, x5, x6										
Options of Anti-Corrosion	Hot-dipped galvanization / Epoxy Coating										



Pipe Roofing System

MIDAS - Pipe Roofing System / Umbrella System is a support system used in loose ground conditions in conventional and mechanized tunneling. It is used to enhance ground properties to stabilize and reduce risk in tunnel works. It is a method of supporting tunnel by driving pipes ahead of excavation. It is also used in developing the portal sections and for the re-excavation of collapsed sections in underground works

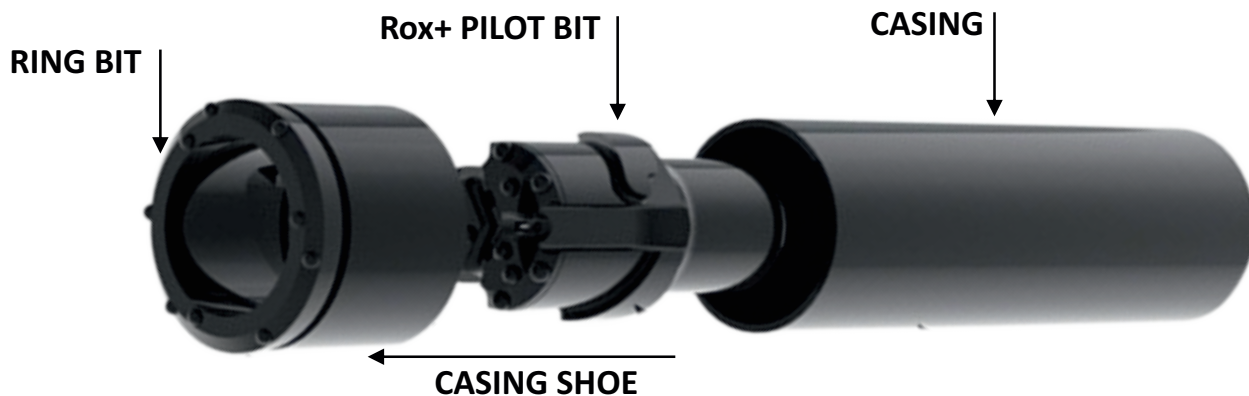
Pipe Roofing System

Economical Benefits

- More holes in time unit
- Low set-up times
- Long pilot bit lifetime
- Low investment and running costs
- Even quality

Fields of Application

- Weak Ground Structure
- Portal Sections
- Frequently Changing Ground Conditions
- Re-Excavation of Collapsed Tunnels
- Urban Tunneling



Pipe Roofing Components

- Starter Pipe: First Pipe Welded with Ring Bit on one end & male/female threading on other end, which can be perforated / non - perforated as per the design requirement.
- Extension Pipe: Male - Female threaded pipe for extension, which can be perforated / non perforated as per the design requirement.
- Pilot Bit
- Drill Rods
- Grouts Plugs / Injection Cap

Threads: Pipes have trapezoidal thread with double start.

Sizes for Pipe Roofing System: 76.1, 88.9, 101.6, 114.3, 139.7, 159, 168.3

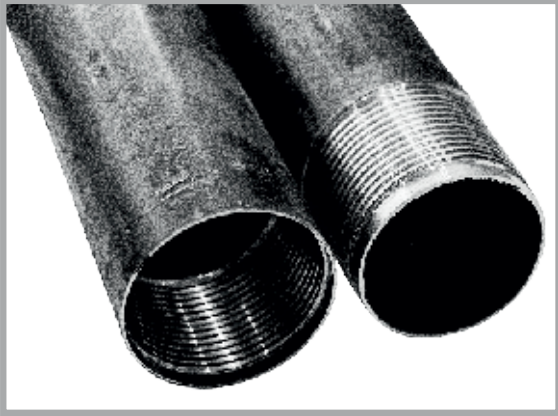


Pilot Bit



Ring Bit

Types of Thread Connection



Standard Thread Connection

Male and Female Connections are cut into both ends of Seamless Casing Pipes. Outer Diameter and Internal Diameter of the Seamless Casing Pipe at threaded portion is constant. Thread design can be standard Acme Thread or Trapezoidal Thread.

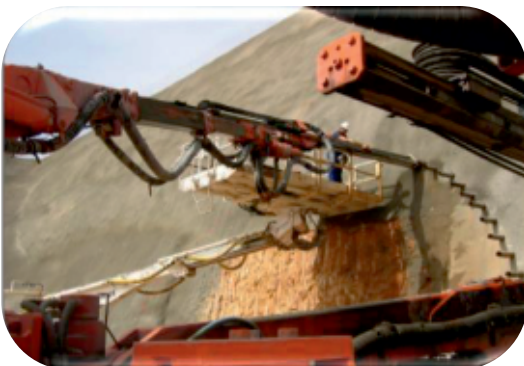


Nipple Connection

It consists of Male and Female Threaded Connection with Special Nipple Fittings which are pressed and welded into the ends of standard pipes. The internal diameter of the casing tube is reduced in the nipple threaded portion of the casing pipe. The nipple connection having a more Bending Moment compares to the Standard thread connection.

The installation of the Pipe Roof System is simple and quick and has the following effects.

- Reducing the ground loss by creating a boundary of stiff material between the soil and tunnel core.
- Stabilizing the ground in the area of newly excavated and get unsupported excavation round.
- Distributing loads acting upon the tunnel roof above the freshly excavated round into the in-site ground ahead of the face and the lined tunnel behind the face. Confinement of the tunnel excavation area ahead of the tunnel face.
- Enhancing tunnel face stability by reducing loads acting upon the tunnel face.
- Reducing surface settlement.







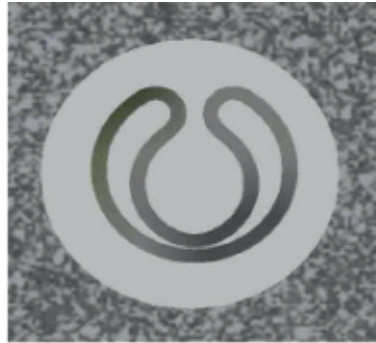
Expandable Friction Bolt System

MIDAS - Expandable Friction Bolt is used for temporary rock reinforcement in underground works. This rock bolt is made of a welded tube folded on itself and sealed at one end while the other end is consisting of special head bushing used for inflation. It is expanded using a high pressure water pump. The high load bearing capacity combined with excellent elongation properties ensure safer working conditions and faster excavation cycles for low costs.

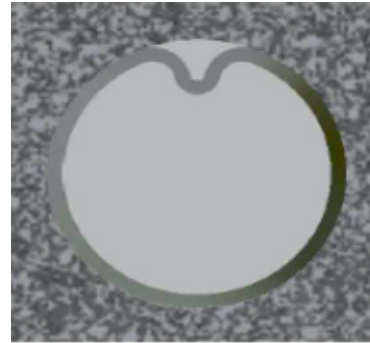
Expandable Friction Bolt

Main Advantages of Expandable Friction Rock Bolts

- Full load bearing capacity over the entire installed bolt length.
- Ability to maintain load bearing capacity even during underground deformations.
- Safe & easy installation with no additional building materials required for installations.



Before



After

Installation Procedure

- Drilling of hole in the rock.
- Insert the Expandable Friction Rock Bolt.
- Inflation of bolt to a set pressure using a high pressure water pump.
- Various Capacity 120kN, 160kN, 240kN
- Minimum Elongation 10%, 20%
- Delivery Lengths 1-6mtr.

Face Plate for Expandable Friction Bolts

Face plates are used to create a local surface support around the bore hole collar area. They are also utilized to maintain local roof stability, to prevent key block movement and to retain surface support like mesh. The plates are manufactured from high quality steel and meet or exceed the properties stated in the individual specifications



Technical Specification

ANCHOR BAR	MID120 MID120+		MID160 MID160+		MID240 MID240+	
Bolt Dimeter	28mm		38mm		38mm	
Profile Diameter	27.5mm		36mm		36mm	
Material Thickness	2mm		2mm		3mm	
Upper Bushing Diameter	28mm		38mm		38mm	
Inflation Bushing Diameter	30/37mm		41/48mm		41/48mm	
Hole Diameter	32 – 39 mm		43 – 52 mm		43 – 52 mm	
Minimum Breaking load	120 kN		160 kN		240kN	230kN
Minimum Elongation	10%	20%	10%	20%	10%	20%
Typical Elongation	15%	30%	15%	30%	15%	30%
Standard Lengths	1.5 – 4.0 m		2.4 – 6.0 m		2.4 – 6.0 m	

High Pressure Water Pump

For setting bolts in ceilings of tunnels and mines

We offer multiple high pressure pumps for setting bolts in ceilings of tunnels and mines. The pump model HD is available with an electric or hydraulic drive unit. This standardizes and simplifies the spares inventory for pumps which are equal in volume.



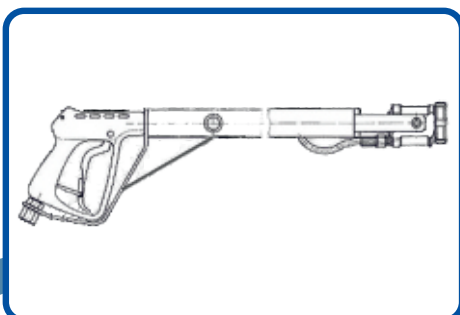
High Pressure Electric Pump HD-E

In the 14l water or 21l water per minute at 300 bar model available. The solution depends on your specific task.



High Pressure Hydraulic Pump HD-H

from 14l water per minute at 300 bar up to 40l water per minute at 300 bar. Also available without steel frame, e.g. for installation on a tunneling rig.



High Pressure Pump Accessories

For setting bolts in ceilings of tunnels and mines as well as for cleaning purposes for the offered Hydraulic- (HD-H) and Electric- (HD-E) Pumps.

Grout Pump

Applications

The grout mixing pump MAI M400 NT developed especially for extremely stressful underground conditions. It has been used successfully around the world in mining, tunnel construction, civil engineering and shoring of slopes , hill sides and building excavations.

▪ *Patented Technology*

The MAI M400 NT is fully automatic mortar mixing pump for continuous processing of any type of pumpable anchor mortars and site cements. The material is mixed in one pass by a single main motor and delivered without a problem in the desired quantity. The mixed and delivered quantity can and may be varied at will using worm pumps with different dimensions. The patented and time-tested MAI mixing/conveying technology ensures top mixing results

▪ *Indestructible*

Thanks to its high quality, archived through the most modern manufacturing methods available, and its service-friendly modular construction, the MAI M400 NT stands apart with its long service life, low susceptibility to error and economy.

Areas of Use

The proven mixing and delivery technology is especially suitable for:

- Injection Work
- Re-Injection Grouting
- Drill Hole Filling
- Back Filling
- Anchor Mortar



Scope of Delivery

- Spur gear motor 6 kW / 200 rpm
- Vibrator
- Worm pump Mp3 „ L” (standard equipment) 60 L/h
- 20 m high pressure mortar hose NW25 with quick release couplings
- Automatic reverse drive
- Automatic screen safety feature
- Tools
- Cleaning equipment
- Water pump-optional
- Automatically polarity control-optional



Fiber Glass Bolt-FRP/GFRP

MIDAS Fiberglass Rock Bolts are used in both permanent and temporary ground support applications. It's ideal applications include Hard Rock Mining, Ground Stabilization, Salt Mines, Tunneling and Tibacks. Our Fiberglass Rock Bolts are non-corrosive, non-magnetic and non-conductive which guarantees that your project will not weaken due to rust. In addition, Fiberglass Rock Bolts are one quarter the weight of steel rock bolts or soil nails. It will save you money in transportation and labor costs.

Fiber Glass Bolt

Feature & Benefits:

- High Corrosion Resistance.
- Extremely High Embedment Strengths
- 1/4 the Weight of Steel
- 2x Tensile Strength
- Easy to Post Tension
- Non-Magnetic
- Low Electric Conductivity
- Flexibility
- Customization Option Available.



Technical Specification

	Unit	Hollow Rockbolt			Self Drilling Rockbolt
Diameter	mm	25/12	28/14	32/15	38/20
External Diameter	mm	25	28	32	25
Internal Diameter	mm	12	14	15	20
Cross -Section	mm ²	250	310	400	540
Thread Direction		Right/Left	Right/Left	Right/Left	Right/Left
Tensile Load	KN	220	280	365	490
Torsion Strength	Nm	180	250	360	450
Thread Type		R25	R28	R32	R38

MIDAS GFRP Round Bars

MIDAS GFRP glass fiber bars impregnated with polyester resin are used to pre-contain and stabilize the tunnel front in order to temporarily control deformations induced by excavation. MIDAS GFRP products can be afterwards destroyed without damaging the excavating equipment.

MIDAS GFRP® PIPES & HOLLOW BAR

Internal/External Diameter (mm)	Type	Nominal breaking load KN
14/28	Blind	450
40/60	Blind / Sleeved	900



Sleeved Grouting Pipes

Sleeved Port Pipes used to perform injections of cement based mixtures in soil consolidation and waterproofing. They are essentials in the excavation of tunnels, construction of dams and the reduction of the settlement in urban areas.

Pipe

Density: UNI EN ISO 1183-1: **1.5±0.1g/cm³**

Tensile Strength: UNI EN ISO 527:>**30 Mpa**

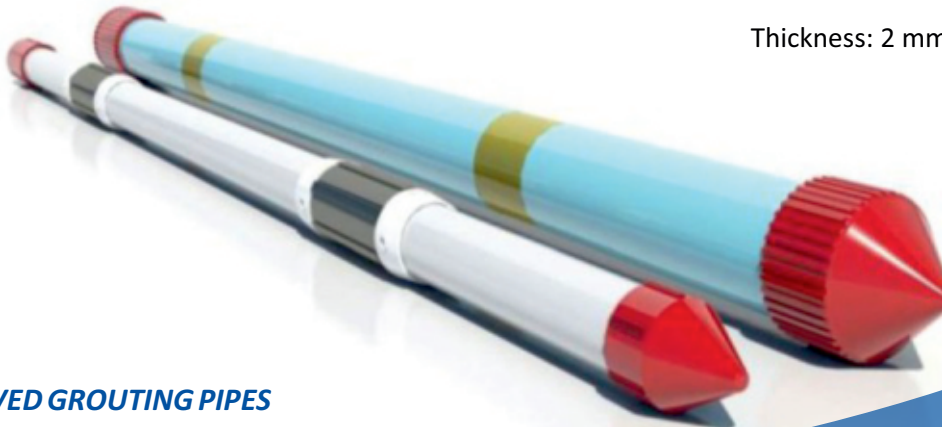
Elastic Modulus: UNI EN ISO 527:>**2500 Mpa**

Manchette

Thermoplastic vulcanized elastomer with excellent flex fatigue resistance, compression set<30% (22hr@ 70°C), black color

Nominal length: 80mm, Nominal

Thickness: 2 mm



SLEEVED GROUTING PIPES

The sleeved TAM Pipe is manufactured with rigid PVC. It has a smooth internal surface and spaced perforations (Standard sleeve spacing is 330 mm or 500 mm). These perforations are covered by “flush” or “external” rubber sleeves, also called “manchette”, which act as non-return valves.

The pipes are delivered in standard lengths of 3 or 5 meters. Both extremities are threaded and by means of external ABS connection couplings, they can be connected to each other to reach the total length required.

NOMINAL DIAMETER	INNER/OUTER DIAMETER	SLEEVE TYPE	PACKER
1"	27/34mm	External	Spring 27
1"1/8	28/38mm	External	Rigid 28
1"1/2	40/48mm	External	Hydraulic 30
1"1/2'	40/50mm	Flush	Hydraulic 30
2"	50/60mm	External	Hydraulic 42
2"	50/60mm	Flush	Hydraulic 42

REINFORCED SERIES Sleeved grouting pipes are manufactured with a special shock resistant PVC with extra wall thickness and sealing gasket. These pipes have higher bursting pressure and are recommended to be used with preventer or HDD applications.

NOMINAL DIAMETER	INNER/OUTER DIAMETER	SLEEVE TYPE	PACKER
1"1/2	40/55mm	Flush	Hydraulic 30
2"1/2	55/75mm	Flush	Hydraulic 42

In case of specific needs, grouting pipes can be ordered with different sleeve's spacing, reinforced Alu-Coupling and in custom lengths.

GROUND ANCHOR TAM PIPE

1. Grouting pipes can be made using a special shockproof PVC which enables the sleeved pipes to be more flexible. This product is used with pre-assembled strand anchors to perform selective and repetitive injections in the bonded section around the anchor's bulb.

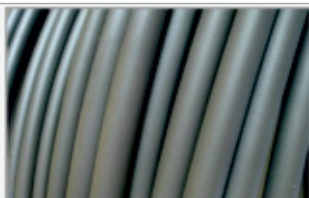
NOMINAL DIAMETER	INNER/OUTER DIAMETER	SLEEVE TYPE	PACKER
1"	27/34mm	External	Spring 27



GROUND ANCHOR GROUTING HOSE

small diameter grouting pipes are used to perform injection of cement mixtures and resins in post grouting application with strand or rebar anchor. They could be used also in soil consolidation and waterproofing without the packers. They are supplied in bars or rolls, with external manchette, couplers and plugs

NOMINAL DIAMETER	INNER/OUTER DIAMETER	SLEEVE TYPE	PACKER
3/8"	12/16mm	External	NO
1/2"	17/20mm	External	NO



Grouting Hose
to connect the injector to the packer



Obturator Bag
MPSP Technique



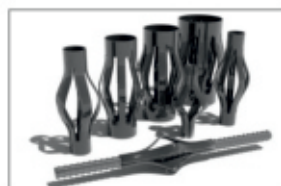
Reel with injection trestle



Sliding Double Ring Packer
Rigid or Spring



Hydraulic Packer with water pump and
fittings



Plastic Centers

Inflatable Packers

General Description

Inflatable packers are used around the world (universal), as underground test devices for liquid pressure measurements and major elements used where drilling and injection are done by injection consolidating or waterproofing grouts, and have many applications related to construction sites mentioned below.

We offers an exceptional range of different packers's diameter (28 to 170mm) for used in boreholes of (50 to 350 mm).

Packers are manufactured using layers in of steel cable bedded into natural rubber giving them the strength to resist the rough conditions of work site used. The exception expansion capacity by using hydraulic liquid or gas pressure enables a good seal either in regular or uneven boreholes, as well as facilitating running in and retrieving.



Packers Technical Specification

We manufacturer exceptional range of complete inflatable packers different w.r.t. Diameter and length as mentioned Below.

Technical Specification

Diameter (mm)	Length (L) mm	Inflated Diameter (in air) mm	Maximum safety pressure bar
28	300-1000	55	75
32	300-1000	60	75
44	300-1000	85	75
54	500-1000	115	75
64	500-1000	130	75
74	500-1000	155	75
84	500-1000	165	75
94	500-1000	185	75
120	500-1000	220	75

Mechanical Packer

Mechanical Packer is a reusable packer used as a seal when grouting, it is placed inside the grout hole and tightened against the wall of the hole by a mechanically expanding rubber sleeve.

The rubber bush expands and is wedged in the drill hole when the handle on the sleeve is turned.

It slides the outer tube on the inner tube thereby expanding the rubber sleeve.

The non return valve at the end prevents the risk of getting hardened grout in the shut off valves and grout hoses.

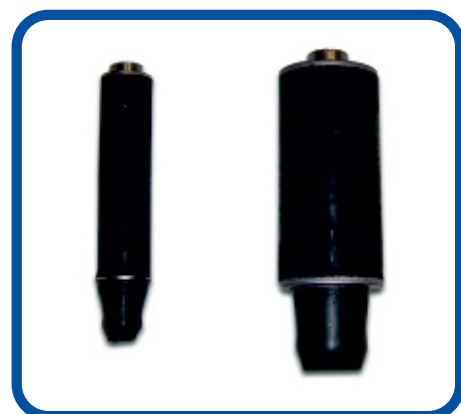
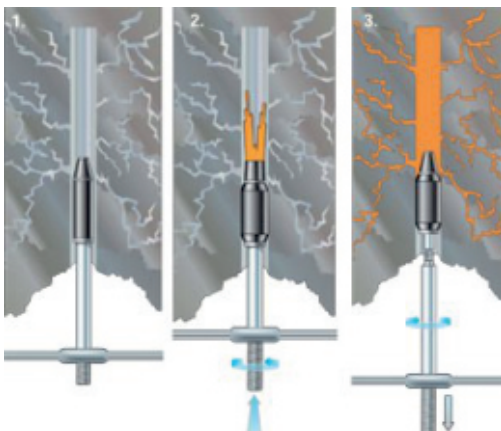
The packer can be flushed clean after the passing of grout is completed.



Product (mm)	M 30	M 32	M 34	M 36	M 38	M 41	M 45	M 48	M 51	M 54	M 57	M 60	M 63	M 66
Dimensions (mm)	28,5	31,5	33,5	33,5	36,5	39,5	43,5	45,5	48,5	52,5	54,5	57,5	60,5	62,5
Dim area (mm)	30-34	32-36	34-38	36-40	37-42	40-44	44-48	46-50	49-53	53-57	55-59	58-62	61-65	63-67

Injection process when used:

1. Connect the gasket at the injection pipe before inserting it into the bore hole. Expand the rubber in the hole by means of manual or hydraulic chucking or chucking using a wrench.
2. Inject a cement mixture or chemical material into the crack system in the rock through the gasket.
3. Shut off the pressure behind the gasket once injection is complete. The valve in the gasket then closes automatically due to the tension in the rubber and the pressure, and prevent injected mass from running out. Remove the injection pipe from the gasket. The grommet on the injection gasket is then held in position by a double lock washer. The injection pipe is flushed out so that it can be reused.



Drainage System

Introduction

The MIDAS Self Drilling Drainage System is used for deep drainage holes. MIDAS Drainage System consists of an inner steel tube which is sleeved with a PVC slotted pipe directly driven by patent ring and pilot bit system from Robit, Finland. The Drainage System can be applied in drainage works of tunnel and water saturated slopes.

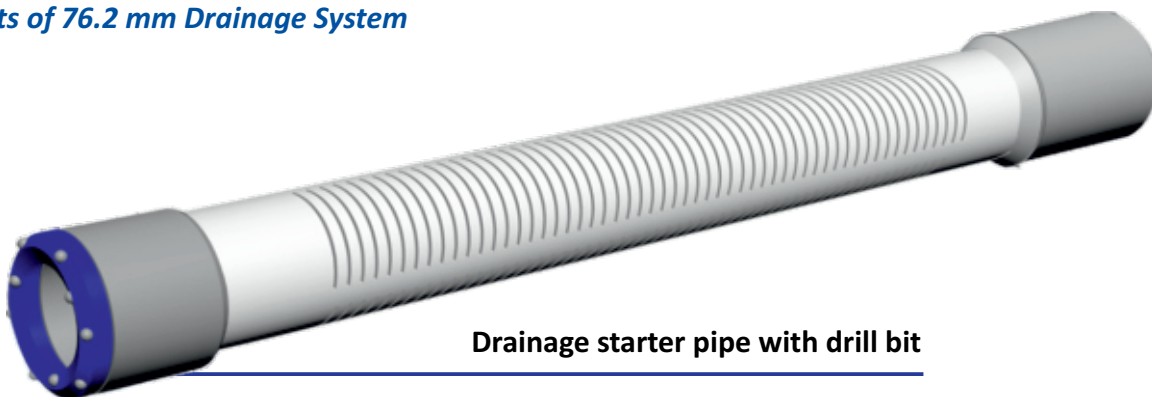
Main Advantages:

- Ease of use.
- Can be installed with existing equipment.
- Self Drilling System - Highly Beneficial for Collapsible Soil Conditions.
- Installation can be done for higher drilling length.
- PVC Drainage Tube Sleeve starts from the Starter Unit until end of extension tube.
- Cost Effective System as Pilot Bit is Multi Use.

System Description

The MIDAS Self Drilling Drainage System is installed piecewise by drilling jumbo or equivalent drill rigs. Flushing and back flushing during drilling takes place inside the drainage tube.

Components of 76.2 mm Drainage System



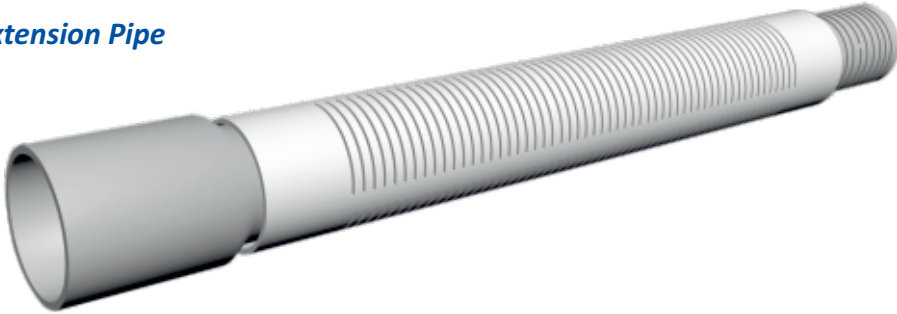
Drainage starter pipe with drill bit

Drainage Starter Pipe consist of OD 95 mm Ring Bit welded on steel tube of OD 76.2mm and PVC pipe of OD 89mm wrapped on steel tube.

Technical Specification

Ring Bit	OD 95 mm
	Driven by suitable Multi Use Pilot Bit (Patented Robit System)
Steel Tube	Grade St52 (Y.S. > 355N/mm ²) OD 76.2 mm, ID 64.2 mm
	Perforation 12mm in interval of 50cm on whole side.
PVC Pipe	OD 89 mm, ID 77 mm
	Slotting 1mm in whole pipe circumference around three slot.

Drainage Extension Pipe



Drainage Extension Pipe consists of steel tube of OD 76.2mm and PVC pipe of OD 89mm wrapped on steel tube.

Drainage End Pipe



Drainage End pipe consists of steel tube of OD 76.2mm with no slotted PVC pipe.

Drill Rod



Drill Rod R32 is used to drive the drainage starter pipe and subsequently the extension pipe and end pipe.

End Cap





Rock Drilling Tools

Robit®

ROBIT Rock Drill Tools (RDT)

Rocktools product line covers all construction, quarrying and mining drill&blast applications from soft to hardest rock conditions. Tunnelling is one of the most important customer segments for Robit bits, and applications like drifting, cuthole and bolthole are well covered. Also major mining and quarrying customers have approved Robit quality worldwide.

Buttons Bits



Couplers

Drifter Rods



Shank Adapters



Rentals

Our Customer gets advantages of

- Budget & Control maintenance costs
- Eliminate equipment obsolescence & depreciation
- Experienced manpower at all times
- Optimize balance sheet
- Young modern fleet
- Intensive fleet maintenance & refurbishment programme to ensure minimal downtime
- Customize rental packages as per customer's requirement

Service Provide by Us:

- Rental of Underground & Mining Equipment
- Contract for Excavation of Tunnel & Slope Stabilisation
- Contract for Roof Support System Installation like Pipe Roofing, SDA, Swellex along with Grouting Work
- Annual Maintenance Contract of customer's equipment after through inspection and necessary repairs
- Major Repairs & Refurbishment of customer's equipment in our workshop
- Buy & Lease Back of customer's equipment with complete operation and maintenance
- Backup Drill Jumbo during customer's refurbishment undergoing at our workshop

Rental Service

- Renting an equipment is more profitable than Owning an equipment, it lowers upfront payment thereby increasing projects IRR
- No Maintenance/ breakdown cost - our scope includes maintenance as well as operation with experienced & skilled manpower, no spare inventory & planning
- We carry out intensive fleet maintenance & refurbishment programme to ensure minimal downtime of equipment
- Customize rental packages as per customer's requirement

Annual Maintenance Contract:

MIPL besides owning tunnelling equipment also has dedicated & professional workforces and foresighted management, fully equipped workshop

- Maintain machines always immediate working condition.
- Cost Saving.
- Efficient maintaining from parts procurement to repairing the machines.
- Reduce down time at site

- No need contingency parts stock.
- No paper work for procurement, stock control, delivery, service and maintenance
- No other expenses to maintain your machine.
- Ease budget projection up to end of the work. (monthly base or Linear Excavation meter base are available for proposal).
- Increase second hand value when you sell the machine.

Our Rental Fleet

- Sandvik Drill Jumbo DT820, DT920i, DT921i & Dt1131i
- Epiroc Single Boom Drill Jumbo S1D
- Wet Robotic Shotcrete Machine - Meyco Potenza, CIFA CSS3, Putzmeister, SPM 500, SPM4210



Buy & Lease back of Equipment & Backup machine program

- We have option to buy the equipment you are looking for refurbishment
- Equipment goes under our refurbishment program while simultaneously we give an Equipment on lease with complete operation & Maintenance
- Once refurbishment is done - you can continue with our backup machine / your equipment can be put on lease with operation & maintenance / you can purchase the equipment
- Backup Machine - We also provide backup machine on rental basis, when your equipment is under refurbishment

Repair & Refurbishment Programme

- Give a new life to your Equipment under our refurbishment programme
- Skilled Manpower & Maintenance team Specialized on Refurbishment Programme
- Our repair & refurbishment programme is cheaper than the equipment manufacturer due to their high operating cost and also we have direct access to many of the OEM vendors
- We have identified major high performance after market replacement manufacturer whose quality of parts are same equipment manufacturer with huge difference in price
- We undertake warranty on our refurbishment programme upto at least 4-6 months with complete operation and maintenance at site- Giving Customer Peace of Mind.
- Machine are transformed from old to brand new look & many customization works are also done on the equipment which is not offered on the equipment by the manufacturer.



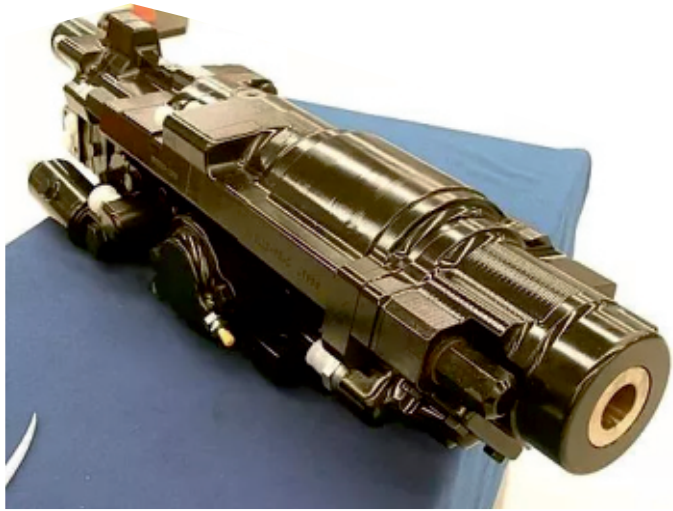
Spare Parts

Drilling Equipment Parts (Epiroc, Sandvik)

MIPL is a quality supplier of New Replacement Parts / Genuine Parts for Epiroc, Sandvik. Epiroc and Sandvik Drill rig parts and rock drill parts are some of the finest quality construction and mining equipment supplied by MIPL at reasonable prices. Given their durability and reliability, these world class drill rig parts and rock drill with undoubtedly surpass your expectations. MIPL Parts offers a wide selection of quality aftermarket and genuine Epiroc and Sandvik drilling equipment's accessories and spare parts at MIPL, our focus is to provide you with great quality parts at good value. Replacement parts offered by us undergo strenuous and strict inspection procedure to ensure quality of the products. Our basic principle : Quality with Value Guaranteed.

Shotcrete Machine Parts:

- Complete Spare for CIFA CSS2 / CSS3
- Complete Spare for Aliva Putzmeister
- Wear Parts for Meyco Shotcrete Machine
- Wear Parts for Normet Shotcrete Machine
- Concrete Hoses, Pipelines, Delivery Cylinder, Concrete Piston



Miscellaneous Products:

Apart from above parts, we can offer various parts for your machine like Transmission parts (Spicer Dana, Funk, GE), Pumps Gaskets, Hydraulic System, Hydraulic Hoses & Fittings and Electrical Systems.





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