

# 14

## Water Well Tooling

[drillmaxrigs.com/tooling](http://drillmaxrigs.com/tooling)

It takes both a drill rig and a tool to make a hole. Our engineers don't just design one or the other, they work closely together to design whole systems. Driller feedback from both sides – the drill rig and the tool – inspires innovation of stronger, easier, more versatile tools and rigs sustaining a synergy for the future. Using higher-grade material, DRILLMAX® drill pipe stands the test of time and provides confidence in tooling performance. Higher hardness tool joints facilitate longer wear life and result in a more durable pipe. Several of our options are lighter weight than legacy versions for less weight and wear on the rig.

### Drill Pipe Key Features

- Made from higher grade material for a stronger drill pipe with a longer life
- 2 3/8 MR with 1.75 ID provide more flow capacity for efficient hole cleanout
- Lighter weight than legacy options

### What's New

- DRILLMAX® Drill Pipe
- Spring Assisted Swivel Hoist Plug
- Adapter Subs in various sizes

**DRILLMAX®**  
**DM250**  
by **Geoprobe®**

### DM250 & DM450 Carousel


[drillmaxrigs.com/carousel](http://drillmaxrigs.com/carousel)

*The carousel option on the DM250 and DM450 is a simple and easy way to get pipe in and out of the hole.*



VIDEO

Drill Pipe

Components	Part	MN	Weight
	<b>Drill Pipe</b> 2.38 OD X 240 S-S (2.0 IF) <b>NEW</b>	238918	128 lbs.
	<b>Drill Pipe</b> 3.00 OD x 240 S-S (2-3/8 MR) <b>NEW</b>	237404	142 lbs.
	<b>Drill Pipe</b> 3.50 OD x 240 S-S (2-3/8 IF) <b>NEW</b>	238005	198 lbs.
	<b>Drill Pipe</b> 4.50 OD x 240 S-S (3-1/2 IF) <b>NEW</b>	238006	319 lbs.
	<b>Drill Pipe</b> 4.50 OD x 240 S-S (2-7/8 IF) <b>NEW</b>	240711	319 lbs.

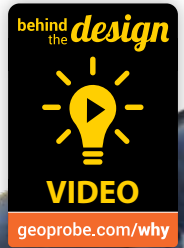
S-S (Shoulder to Shoulder)

Drill Pipe Comparison

	Legacy 3.0	DRILLMAX® 3.0 (MN 237404)
<b>Tool Joint</b>	Mayhew Regular	DRILLMAX® Mayhew Regular
<b>Tool Joint OD</b>	3 inches	3 inches
<b>Tool Joint ID</b>	1.5 inches	1.75 inches
<b>Weight/20-feet</b>	178 lbs	142 lbs




DRILLMAX®  
Drill Pipe



**Spring Assisted Swivel Hoist Plug**  
drillmaxrigs.com/hoist-plug

Accessories

Components	Part	MN	Notes
	<b>Spring Assisted Swivel Hoist Plug</b> <b>NEW</b>	239983	2-3/8 IF
	<b>Spring Assisted Swivel Hoist Plug</b> <b>NEW</b>	239976	2-3/8 MR

Bearing the weight of the rod string, Spring Assisted Swivel Hoist Plugs make removing drill rods from the tool string more efficient and safe. Available in multiple sizes, they offer 12,000 lb working load limit.

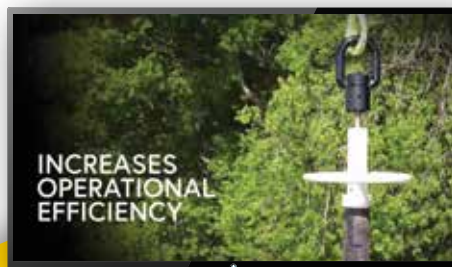
**Features**

- Easier to make and break threads while tripping tool
- Reduces operator fatigue
- Increases operational efficiencies
- Hinge keeps lift loop aligned to winch line

**Spring Assisted Swivel Hoist Plug**  
drillmaxrigs.com/hoist-plug



Spring Assisted Swivel Hoist Plug



INCREASES OPERATIONAL EFFICIENCY

Designed to bear the weight of rod string, making removing drill rods from the tool string more efficient and safe.



## PIN X PIN

NEW

## Standard

Part	MN	Notes
2 IF Pin x 2 IF Pin	235445	16.00 in. S-S
2-3/8 MJ Pin x 2-3/8 MJ Pin	233094	16.00 in. S-S
2-3/8 MR Pin x 2-3/8 MR Pin	229918	16.00 in. S-S
2-3/8 IF Pin x 2-3/8 IF Pin	233815	16.00 in. S-S
3-1/2 IF Pin x 3-1/2 IF Pin	238762	16.00 in. S-S

## Legacy

Part	MN	Notes
2-3/8 MJ Pin x 2-3/8 MJ Pin	233095	12.00 in. S-S

## BOX X BOX

NEW

## 3-7/8 Bits (2-3/8 Reg Box)

Part	MN	Notes
2-3/8 REG Box x 2 IF Box	237248	24.00 in. S-S
2-3/8 REG Box x 2-3/8 MJ Box	237181	18.00 in. S-S
2-3/8 REG Box x 2-3/8 MR Box	237180	18.00 in. S-S

## 5-7/8 Bits (3-1/2 Reg Box)

Part	MN	Notes
3-1/2 REG Box x 2 IF Box	237249	24.00 in. S-S
3-1/2 REG Box x 2-3/8 MJ Box	233443	24.00 in. S-S
3-1/2 REG Box x 2-3/8 MR Box	235652	24.00 in. S-S
3-1/2 REG Box x 2-3/8 IF Box	237179	24.00 in. S-S

## 7-7/8 Bits (4-1/2 Reg Box)

Part	MN	Notes
4-1/2 REG Box x 2 IF Box	237253	24.00 in. S-S
4-1/2 REG Box x 2-3/8 MJ Box	233096	24.00 in. S-S
4-1/2 REG Box x 2-3/8 MR Box	237719	24.00 in. S-S
4-1/2 REG Box x 2-3/8 IF Box	237726	24.00 in. S-S

## DM250 & DM450 Drillmast

drillmaxrigs.com/drillmast



This video looks at the features of the re-engineered DM250 and DM450 drillmast.

## BOX X PIN

NEW

## DM250 (Flange)

Part	MN	Notes
DMR3 FLANGE x 2 IF Pin	237979	13.25 in. S-S
DMR3 FLANGE x 2-3/8 MJ Pin	237198	12.50 in. S-S
DMR3 FLANGE x 2-3/8 MR Pin	236447	13.00 in. S-S
DMR3 FLANGE x 2-3/8 IF Pin	237196	12.50 in. S-S

## DM250 (Box x Pin)

Part	MN	Notes
2 IF Box x 2-3/8 IF Pin	239445	14.00 in. S-S
2-3/8 MJ Box x 2-3/8 IF Pin	233341	14.00 in. S-S
2-3/8 MR Box x 2-3/8 IF Pin	229917	14.00 in. S-S
2-3/8 IF Box x 2-3/8 IF Pin	239450	14.00 in. S-S

## DM450 (Box x Pin)

Part	MN	Notes
3-1/2 IF Box x 3-1/2 IF Pin	238205	8.00 in. S-S
2-3/8 MJ Box x 3-1/2 IF Pin	238200	16.00 in. S-S
2-3/8 MR Box x 3-1/2 IF Pin	238198	16.00 in. S-S
2-3/8 IF Box x 3-1/2 IF Pin	239112	16.00 in. S-S
3-1/2 IF Box x 3-1/2 IF Pin	238761	16.00 in. S-S

## Legacy

Part	MN	Notes
2-3/8 MJ Box x 2-3/8 IF Pin	233093	25.00 in. S-S

## MISC SUBS

NEW

## Packer

Part	MN	Notes
2-3/8 MR Box x 2.0 MNPT	239451	20.00 in. S-S

## Coring

Part	MN	Notes
2-3/8 MR Box x 2.0 MNPT	239837	8.00 in. S-S

S-S (Shoulder to Shoulder)



DRILLMAX® DM450 Transport



DRILLMAX® DM250 Transport

## NEW DRILLMAX® Adapter Subs

DRILLMAX® manufactured adapter subs ensure consistent, high-quality parts with the convenience of one-stop shopping.

- Lengths suited to machine and application
- Available on the shelf



## DM250 Single Rod Loader

[drillmaxrigs.com/dm250](http://drillmaxrigs.com/dm250)



*This video looks at the benefits of using the single rod loader on the DM250.*