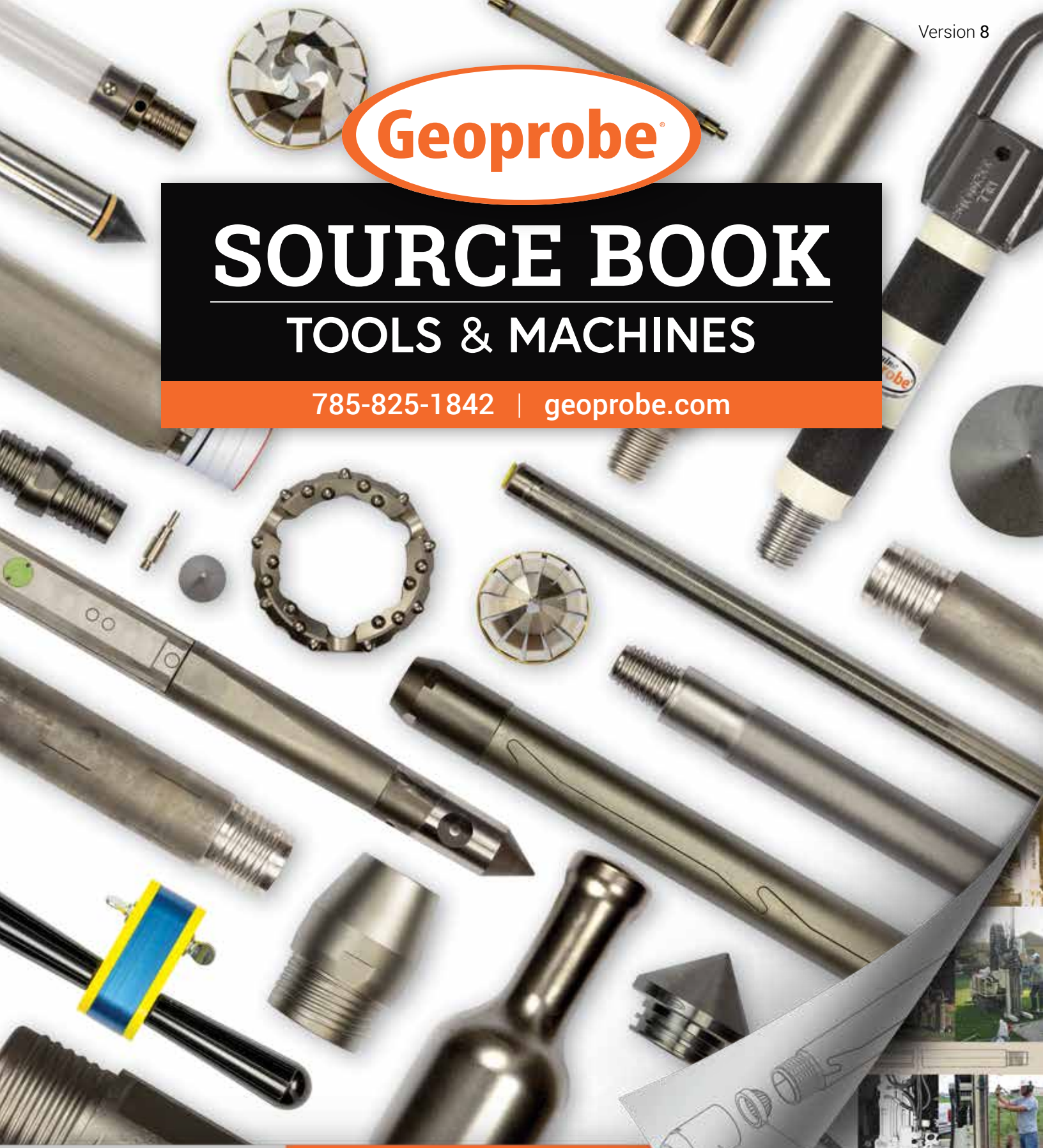




SOURCE BOOK

TOOLS & MACHINES

785-825-1842 | geoprobe.com



DRILLMAX[®]
 Products specifically designed for water well and geothermal contractors



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New Tooling & Machines!
INNOVATION NEVER STOPS

Geotechnical
 Environmental
 Exploration
 Water Well
 Geothermal
 Construction





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Source Book | Version 8



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Disclaimers:

- Unit and tooling specifications are subject to change without notice.
- There is a correct time and place for all tooling systems to be used (can't be used everywhere)

Soil imaging probe and method of processing soil image to detect hydrocarbon contamination manufactured under US Patents 10,371,637 and 10,739,264

Split tube soil sampling system manufactured under US Patent 9,551,188

Vibratory drill head mounting and rotation coupling system manufactured under US Patent 8,342,263

Hydraulic head clamp assembly for mobile drill rig manufactured under US Patent 8,056,640

Latching groundwater sampling system patent pending

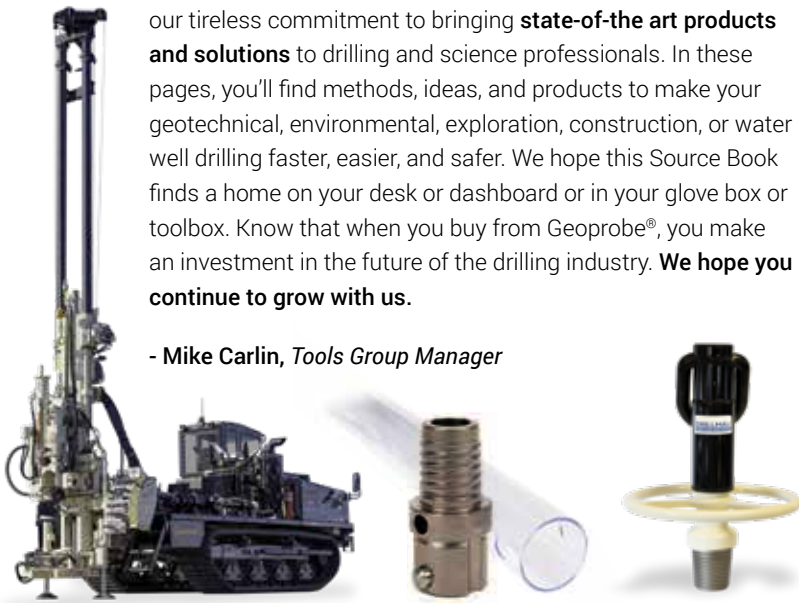
From Industry First to Industry Standard

At Geoprobe® Innovation Never Stops

Geoprobe Systems® concentrates on creating an **atmosphere of innovation**, applying cutting-edge science to machines and tools to make the work of a 200-year-old industry efficient and safe. From revolutionizing the way environmental site investigations were conducted 30-years-ago to recent rig and tooling releases advancing geotechnical drilling, **technical drillers have come to depend on Geoprobe® rigs and tooling.**

This eighth edition of the Geoprobe® Source Book demonstrates our tireless commitment to bringing **state-of-the art products and solutions** to drilling and science professionals. In these pages, you'll find methods, ideas, and products to make your geotechnical, environmental, exploration, construction, or water well drilling faster, easier, and safer. We hope this Source Book finds a home on your desk or dashboard or in your glove box or toolbox. Know that when you buy from Geoprobe®, you make an investment in the future of the drilling industry. **We hope you continue to grow with us.**

- Mike Carlin, Tools Group Manager



INNOVATION | Yesterday • Today • Tomorrow

What began as a vision between two friends more than 30-years-ago has developed into a company producing **industry-preferred drilling rigs and tooling** sold around the world. Our customers have pushed us, encouraged us, and held us accountable along the way, fueling our atmosphere of innovation. Thanks to this partnership, industry-first releases have become industry standards, resulted in patented products, and propelled the company name worldwide.



Mel Kejr & Tom Christy
Geoprobe® Founders

**INDUSTRY
FIRST**

Look for the "Industry First" tag for the multitude of products initially introduced to the market by Geoprobe®.

To the best of our knowledge, all history information is accurate.

New Tooling

- Liners "non-detect" for PFAS
Tested non-detect for 52 PFAS compounds
- DT22 Dual Punch Liners
Work with detent or standard drive head, stronger core catcher attachment
- Improved 3.75 tooling for easier rock coring
- 3-inch Interlocking Split Spoon
- AWJ Drill Rods - Geoprobe® manufactured
- Improved Spring Assisted Swivel Lift Caps
- Stronger cutting shoes and cutting shoe options
- DT325 / DT37 Driven Casing SPT (OTE)
- SP19 Groundwater Sampler
- Groundwater Screen Point Latching Samplers
- Carbide Sonic Bits
- Improved Sonic Core Catchers
- 4X6 Sonic Tooling Rack
- Geoprobe® Seismic CPT Module
- CPT Polyfilters
- CPT Dual Flight Anchors
- DRILLMAX® Drill Pipe
- DRILLMAX® Spring Assisted Swivel Hoist Plug
- DRILLMAX® Adapter Subs

New Machines

Geotechnical Rigs: 3126GT and 3145GT

Features innovative centerline head side shift drill mast placing all head and winch functions over the bore hole without moving mast or machine.

Direct Push Rigs: 6011DT

Features a proven GH63 percussion hammer while still being sized to slip into small spaces.

Combination Rigs: 3230DT v3

Features separate hydraulic circuit for mud pump eliminating battle between drilling functions and fluid circulation for hydraulic flow and pressure.

Water Well Rigs: DM450

Features carousel or single rod loader options with array of mud pump and air compressor configurations to tailor to your geography and application requirements.

Engineered Systems

Effective drilling depends on both the drill rig and the tool

Intentionally our drill rig engineers work at arm's length from our team of dedicated tooling engineers. The synergy from shared office and shop space results in innovative responses to customer feedback on both sides of the system. When rigs and tooling are designed, built and supported as one, the end result is a highly-refined system escalating efficiency and profitability.



Hands-On Engineers

Designing rigs and tools requires more than sitting behind a desk discussing drawings

Our engineers are in the field, testing tooling in job site scenarios and putting their own drilling experience to work field testing rigs. They get dirty ensuring their tooling and rig designs make your job faster, easier, and safer. They work alongside our skilled manufacturing shop technicians to ensure product quality and performance. They partner with service technicians to perform rig repairs in the shop or in the field. They collaborate with you – the customer in the field – to identify improvements and innovations for the next generation of Geoprobe® rigs and tooling. **Our engineers' hands-on approach to their work benefits you through:**

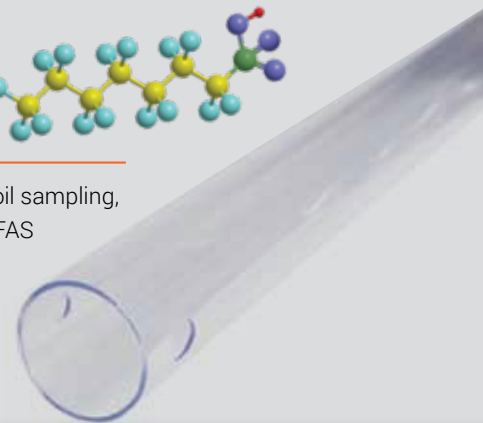
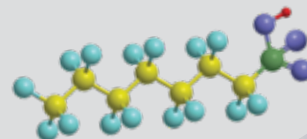
- **ENGINEERED PRODUCT:** dedicated team focused solely on tools
- **FIELD TESTED:** tested in job site scenarios by engineers
- **PROBLEM SOLVERS:** product innovation based on user feedback



Nondetect for PFAS

Geoprobe® PVC Liners Tested Nondetect for 52 Compounds

Geoprobe® submitted samples of our clear PVC soil liners, including the lay flat liners used for sonic soil sampling, to the research team at Oregon State University. The team analyzed the Geoprobe® soil liners for 52 PFAS compounds, including PFOS and PFOA. The PVC liners tested nondetect for all 52 compounds. The research concluded that field sampling materials are an unlikely source of contamination for Perfluoroalkyl and Polyfluoroalkyl substances in field samples.



behind the design

We never stop designing at Geoprobe®. It is why we come out with so many new tools and tooling systems. We want to **maximize your performance** in the field. Our research and development engineers work daily on new products to make you successful.

We're often asked, "Why did you come out with _____?" We've created a **set of videos** with our tooling engineers to answer that question. This gives you insight into our research and development process.

The icon to the right can be found throughout the Source Book, indicating that a video is available at geoprobe.com/why.

behind the design



VIDEO

geoprobe.com/why



Manufactured by Geoprobe®

Consistent, durable products merit quality control of in-house manufacturing

Most Geoprobe® tooling and machine components are manufactured at our Salina, Kansas, headquarters. With the goal of producing the best possible soil probing and drilling equipment, our production system leverages individual skills and specialized manufacturing tools to ensure consistent, high-quality products so you achieve reliable and accurate project results. From metal to machine, our motivated manufacturing team goes the extra mile to conquer challenges and produce products on time to meet your needs. We encourage you to come on a factory tour and see for yourself how our production system distinguishes our product from the competition.



Industry-Leading Support

Customer-focused team composed of problem solvers produces solutions

You operate in an ever-changing business climate, and we're dedicated to helping you thrive. Being an asset to our clients – and potential customers – includes assessing your needs to recommend appropriate rigs and tooling, talking through technical advice on drilling and sampling techniques, walking through rig repairs in the field via a team of live phone support service technicians, supplying same-day shipping on most parts, and staffing service centers across the country with expert technicians, specialty tools, and parts inventory to complete rig repairs to complete rig refurbishments. Customers are confident of rapid response to their requests – often in hours not days. We also continually update our video library (geoprobe.com/videos) to provide you with maintenance and tooling technique tips. **Our customer focused work ethic means you get:**

- **RELIABILITY:** 30-year proven record in the industry
- **AVAILABILITY:** in stock and capable of shipping same day
- **SUPPORT:** experienced team with knowledge to provide advice



Satisfied Customers

Delivering on promises keeps customers returning to Geoprobe®

We're about more than just steel and almond paint – when you succeed, we succeed. Customers rely on our quality rigs and tooling for extracting high-quality soil, groundwater, and rock samples in a safe and efficient manner. Customers ultimately realize cost savings using our durable products to perform repeatedly under pressure, minimizing replacement frequency. **The benefits of Genuine Geoprobe® tooling according to customers, include:**



- Makes jobs easier with tooling engineers streamlining sampling
- Outperforms most in the industry
- Survives years of use thanks to durability
- Comes out of the package working
- Enables advising customers on best approach due to array of items
- Keeps inventory costs down with same-day shipping
- Manufactured in the United States

▶ Video Library

Look for the video call-outs throughout the Source Book to be directed to tooling, machine, and service videos.

geoprobe.com/videos

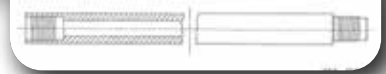
Direct Push Tooling

geoprobe.com/dp-tooling

**INDUSTRY
FIRST**

1
9
8
8

1.0 in. Probe Rod



For many jobs, direct push technology is the quickest, easiest, and least expensive means to get the desired sample. High-quality continuous samples require high-quality soil sampling tools. Depend on Genuine Geoprobe® for durable tools which work right out of the packaging and can be shipped – often same day – to your shop or site to keep your own inventory costs in check.

Geoprobe® pioneered Direct Push Subsurface Sampling Technology in the 1980's and early 1990's. A direct push machine "pushes" soil sampling tools, instruments, and sensors (soil probes) into the ground without the use of rotary drilling to remove soil to make a path for the tool string. Geoprobe® direct push machines rely on a relatively small amount of static (vehicle) weight combined with percussion as the energy for advancing a tool string. Direct push soil sampling tools do not remove cuttings from the probe hole but depend on compression of soil or rearrangement of soil particles to permit advancement for the tool string. Direct push soil sampling tools or soil probes are advanced with a combination of static weight and percussion. Direct push methods are commonly applied in various subsurface materials such as sands, gravels, hard pans, high friction clays, tills, fill materials, and surface frost.

On the following pages you will find links to all of the direct push soil sampling tools sections, including soil probe rod dimensions, liner dimensions, soil probe rods and accessories (1.25 in. - 6.0 in.), manual sampling, portable hydraulic rod clamp, and additional field accessories.



What's New

- Liners "non-detect" for PFAS
- DT22 Dual Punch Liners (works with detent or standard drive head)

Authentic Tools and Consumables

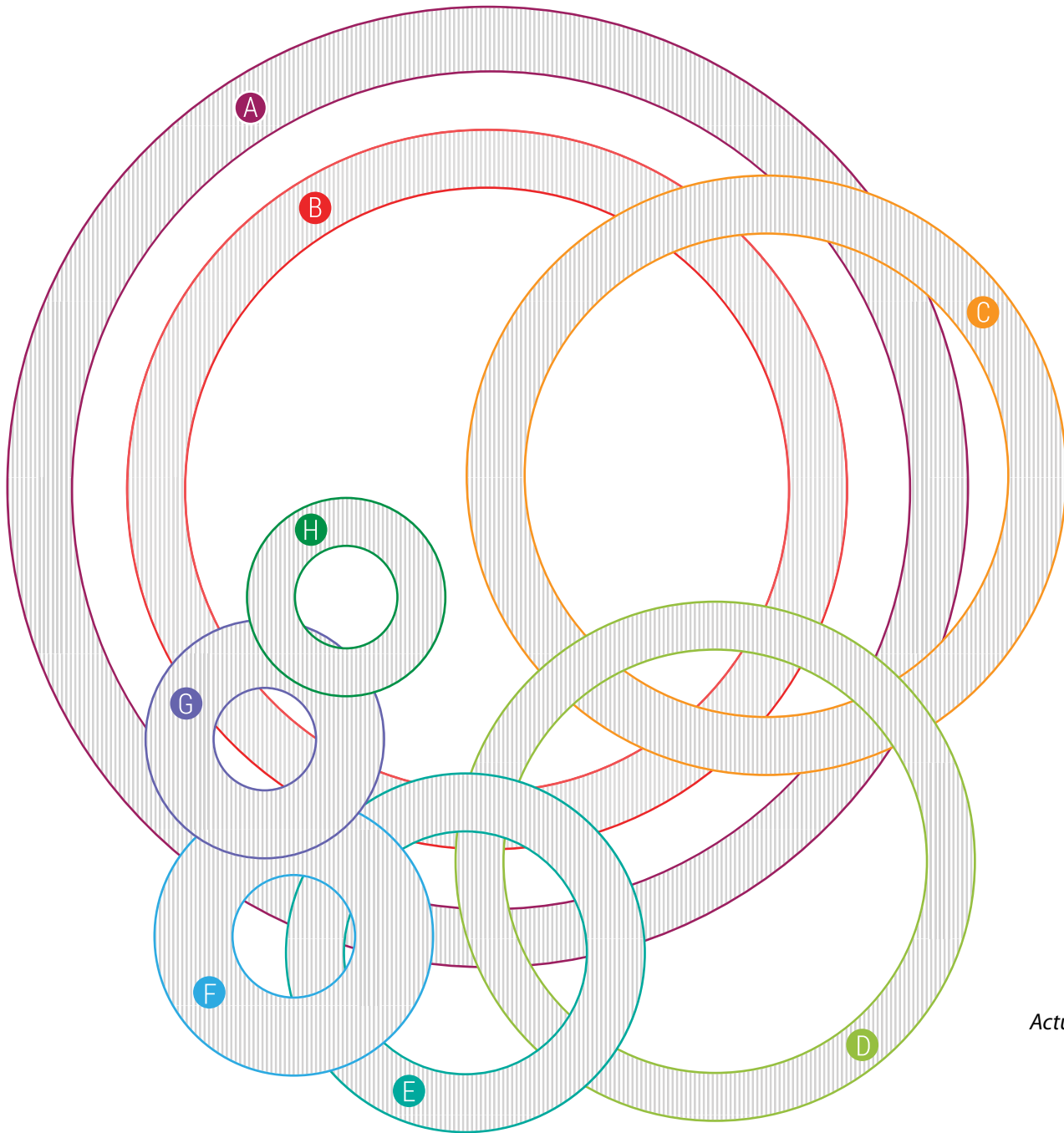
Save time and money with tooling and consumables engineered for ease and durability

GENUINE TOOLING

Look for the Geoprobe® logo on genuine expendable points and expendable cutting shoes.



<p>A 6.0 in. OD 5.25 in. ID 22.5 lbs./ft</p>	<p>B 4.5 in. OD 3.75 in. ID 16.5 lbs./ft</p>	<p>C 3.75 in. OD 3.00 in. ID 13.5 lbs./ft</p>	<p>D 3.25 in. OD 2.625 in. ID 9.8 lbs./ft</p>
<p>E 2.25 in. OD 1.5 in. ID 7.5 lbs./ft</p>	<p>F 1.75 in. OD 0.75 in. ID 6.8 lbs./ft</p>	<p>G 1.5 in. OD 0.625 in. ID 5.0 lbs./ft</p>	<p>H 1.25 in. OD 0.625 in. ID 3.1 lbs./ft</p>



Actual Size

A **DT60 (Lay Flat Liner)**
4.500 in. OD
4.430 in. ID
(4.395 in. ID on overlap)

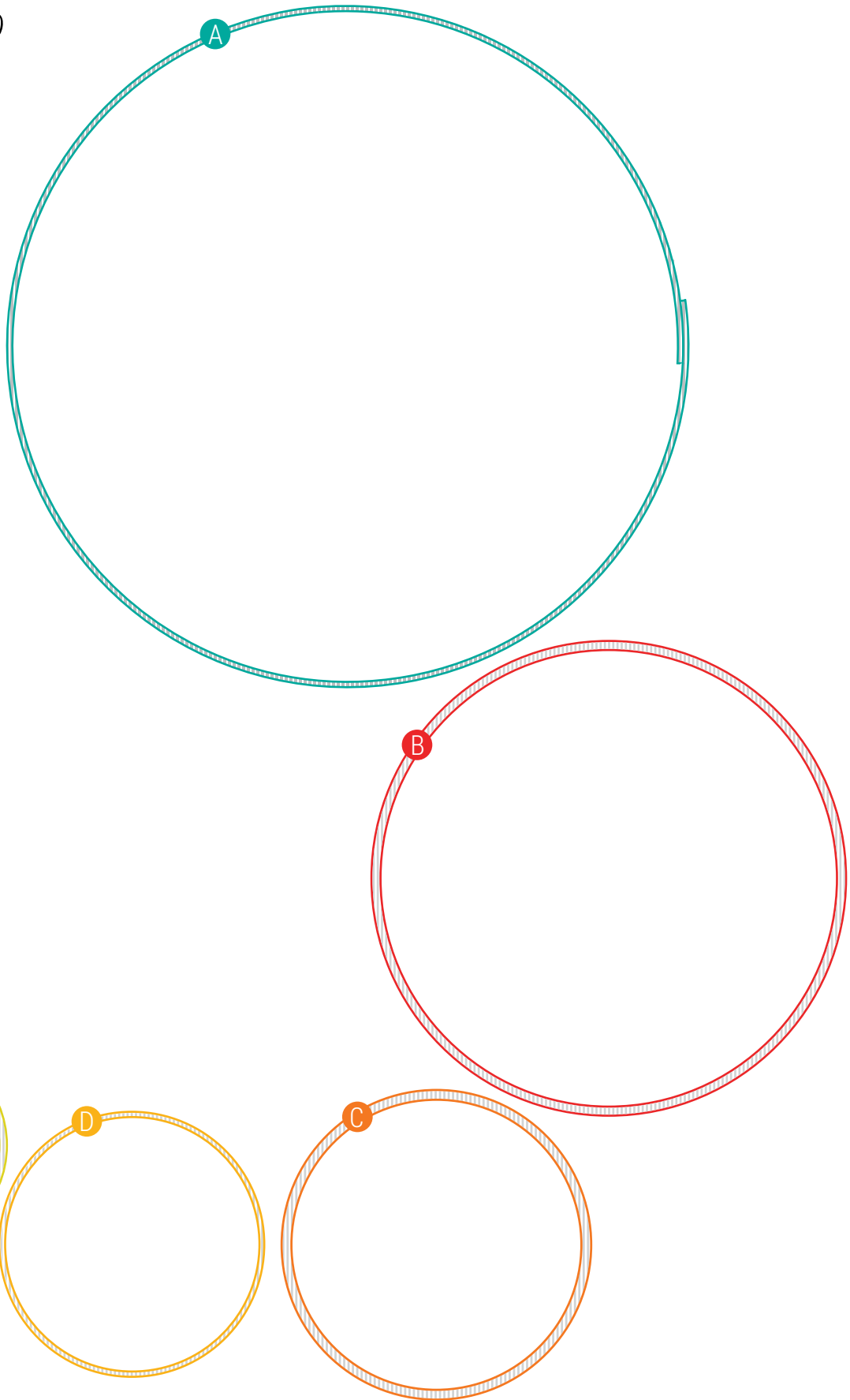
B **MC7 / DT45**
3.135 in. OD
3.015 in. ID

C **DT325 / DT37**
2.065 in. OD
1.965 in. ID

D **MC5**
1.750 in. OD
1.680 in. ID

E **DT22**
1.375 in. OD
1.275 in. ID

F **LB**
1.125 in. OD
(1.145 in. OD Flared)
1.000 in. ID







1.25 in. Probe Rods & Accessories

geoprobe.com/1.25




785-825-1842


Drive Caps

Components	Part	MN	Notes
	1.25 in. Drive Cap	201089	GH60, Threadless
	1.25 in. Drive Cap	213748	GH40, Threaded
	1.25 in. Drive Cap	213749	GH40, Threaded
	1.25 in. Drive Cap Spec. Hammer	204180	Threaded, for 1.0 in. Anvil






Probe Rods

1.25 in. Probe Rod	MN	Length	Weight	OD	ID
	213773	60 in.	15.5 lbs.	1.25 in.	0.625 in.
	213769	48 in.	12.4 lbs.		
	213762	36 in.	9.3 lbs.		
	213758	24 in.	6.2 lbs.		
	213753	12 in.	3.1 lbs.		
	213752	6 in.	1.55 lbs.		
	213763	1 m	10.17 lbs.		





Light-Weight Center Rods

1.25 in. Light-Weight Center Rods	MN	Length	Weight	OD	ID
	205232	60 in.	6 lbs.	1.25 in.	0.625 in.
	203988	48 in.	5.1 lbs.		
	209949	36 in.	4.2 lbs.		
	206525	1 m	4.5 lbs.		

Solid Drive Points

Components	Part	MN	Notes
	1.25 in. Solid Drive Point	213767	1.45 in. OD
	1.25 in. Solid Drive Point	213766	1.75 in. OD
	1.25 in. Solid Drive Point	213768	2.0 in. OD
	1.25 in. Solid Drive Point	213765	2.5 in. OD
	1.25 in. Solid Drive Point	213772	3.0 in. OD






Expendable Points

Components	Part	MN	Notes
	1.25 in. Expendable Point Holder	213755	1.25 in. OD 0.625 in. ID
	1.0 in. Expendable Steel Point	213781	1.1 in. OD Quantity: 100
	1.0 in. Expendable Steel Point	213778	1.1 in. OD
	O-Ring (1.0 in. Expendable Point)	213782	Quantity: 25

Probe Rod Pulling / Lifting

Components	Part	MN	Notes
	RG Handle Assembly	202724	1.25 in. / 1.5 in., GH60
	RG Body	204305	1.25 in. / 1.5 in. / 1.75 in., GH60
	RG Jaw	202660	1.25 in. / 1.5 in., GH60
	RG Handle Assembly	213950	1.25 in., GH40
	RG Body	204400	1.25 in. / 1.5 in. / 1.75 in., GH40
	RG Jaw	200685	1.25 in., GH40
	BOLT SHLD SH 3/4-10NC X 7/8 X 1 GR8	101118	
	1.25 in. Pull Cap	213751	
	1.25 in. Pull Cap	213750	Slotted
	1.25 in. Swivel Lift Cap	210092	Box
	1.25 in. Swivel Lift Cap	210098	Pin
	1.25 in. Lift Cap	213756	Box
	1.25 in. Leaf Puller	206239	

Accessories

Components	Part	MN	Notes
	O-Ring (1.25 in. Probe Rod)	213771	Quantity: 25
	Rod Wiper Donut	600341	1.25 in. / 1.5 in. / 1.75 in. (For use with Weldment: 204387)
	1.25 in. Thread Chaser Pin/Box	213777	
	1.25 in. Probe Rod Extractor	213797	
	Nylon Brush	600996	1.25 in. / 1.5 in. Rod

Drive Caps

Components	Part	MN	Notes
	1.5 in. Drive Cap	202115	GH60, Threadless
	1.5 in. Drive Cap	202736	GH40, Threaded
	1.5 in. Drive Cap	227798	GH40, Threaded, No Stop Pin Clearance
	1.5 in. Slotted Drive Cap	202743	GH40, Threaded
	1.5 in. Drive Cushion	206609	Slotted, Threadless
	1.5 in. Drive Cushion	210177	Threaded

Probe Rods

1.5 in. Probe Rod	MN	Length	Weight	OD	ID
	201682	60 in.	25 lbs.	1.5 in.	0.625 in.
	202248	48 in.	20 lbs.		
	207261	36 in.	15 lbs.		
	202715	24 in.	10 lbs.		
	202714	12 in.	5 lbs.		
	205222	6 in.	2.5 lbs.		
	203193	1 m	16.4 lbs.		

Solid Drive Points

Components	Part	MN	Notes
	1.5 in. Solid Drive Point	202121	3.0 in. OD
	1.5 in. Solid Drive Point	202494	2.5 in. OD
	1.5 in. Solid Drive Point	202637	1.7 in. OD
	1.5 in. Solid Drive Point	203909	1.5 in. OD

Expendable Points

Components	Part	MN	Notes
	1.5 in. Expendable Point Holder	203895	1.5 in. OD 0.625 in. ID
	1.0 in. Expendable Steel Point	213781	1.1 in. OD Quantity: 100
	1.0 in. Expendable Steel Point	213778	1.1 in. OD
	O-Ring (1.0 in. Expendable Point)	213782	Quantity: 25

Probe Rod Pulling / Lifting

Components	Part	MN	Notes
	RG Handle Assembly	202724	1.25 in. / 1.5 in., GH60
	RG Body	204305	1.25 in. / 1.5 in. / 1.75 in., GH60
	RG Jaw	202660	1.25 in. / 1.5 in., GH60
	RG Handle Assembly	213951	1.5 in., GH40
	RG Body	204400	1.25 in. / 1.5 in. / 1.75 in., GH40
	RG Jaw	202730	1.5 in., GH40
	BOLT SHLD SH 3/4-10NC X 7/8 X 1 GR8	101118	
	1.5 in. Pull Cap	202598	
	1.5 in. Pull Cap	202630	Slotted
	1.5 in. Swivel Lift Cap	209748	Box
	1.5 in. Leaf Puller	208806	

Accessories

Components	Part	MN	Notes
	O-Ring (1.5 in. Probe Rod)	202695	Quantity: 25
	Rod Wiper Donut	600341	1.25 in. / 1.5 in. / 1.75 in. (For use with Weldment: 204387)
	1.5 in. Probe Rod Extractor	203163	
	Nylon Brush	600996	1.25 in. / 1.5 in. Rod

1.75 in. Probe Rods & Accessories

geoprobe.com/1.75





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785-825-1842


1

Direct Push Tooling

Drive Caps

Components	Part	MN	Notes
	1.75 in. Drive Cap	225657	GH60, Threadless
	1.75 in. Drive Cap	225663	GH40, Threadless
	1.75 in. Slotted Drive Cap	220125	GH60, Threadless
	1.75 in. Slotted Drive Cap	221243	GH40, Threadless





Probe Rods

1.75 in. Probe Rod	MN	Length	Weight	OD	ID
	220032	60 in.	34 lbs.	1.75 in.	.75 in.
	220746	48 in.	27.2 lbs.		
	227765	24 in.	13.6 lbs.		
	227767	12 in.	6.8 lbs.		
	230326	1 m.	22.3 lbs.		

Solid Drive Points

Components	Part	MN	Notes
	1.75 in. Solid Drive Point	222652	2.0 in. OD



Expendable Points

Components	Part	MN	Notes
	1.75 in. Expendable Point Holder	225662	1.75 in. OD .75 in. ID
	SP16/SP22 Expendable Point Steel	213617	1.75 in. OD, Quantity: 25
	SP16/SP22 Expendable Point Steel	203010	1.75 in. OD
	O-Ring (SP15/SP16 Expendable Point)	214037	Quantity: 25

Probe Rod Pulling / Lifting

Components	Part	MN	Notes
	RG Handle Assembly	220912	1.75 in., GH60
	RG Body	204305	1.25 in. / 1.5 in. / 1.75 in., GH60
	RG Jaw	220259	1.75 in., GH60
	RG Handle Assembly	230908	1.75 in., GH40
	RG Body	204400	1.25 in. / 1.5 in. / 1.75 in., GH40
	RG Jaw	230173	1.75 in., GH40
	BOLT SHLD SH 3/4-10NC X 7/8 X 1 GR8	101118	
	1.75 in. Pull Cap	225665	
	1.75 in. Pull Cap	221276	Slotted
	1.75 in. Swivel Lift Cap	227600	Box
	1.75 in. Swivel Lift Cap	231018	Pin
	1.75 in. Flange Pull Rod	231145	3230DT/8040DT Machines

Accessories

Components	Part	MN	Notes
	O-Ring (1.75 in. Probe Rod)	220387	Quantity: 25
	Rod Wiper Donut	600341	1.25 in. / 1.5 in. / 1.75 in. (For use with Weldment: 204387)

Quick Change Hook

geoprobe.com/quick-change



Quickly attach accessories to the wire rope on your winches.

VIDEO

Geoprobe

785-825-1842

2.25 in. Probe Rods & Accessories

geoprobe.com/2.25



785-825-1842

Drive Caps

Components	Part	MN	Notes
	2.25 in. Drive Cap	206249	GH60, Threadless
	2.25 in. Drive Cap	206187	GH40, Threadless
	2.25 in. Drive Cap	204787	GH40, Threaded
	2.25 in. Slotted Drive Cap	211798	GH60, Threadless
	2.25 in. Slotted Drive Adapter	209807	

Probe Rods

2.25 in. Probe Rod	MN	Length	Weight	OD	ID
	204767	60 in.	37.5 lbs.	2.25 in.	1.5 in.
	204766	48 in.	30 lbs.		
	206706	36 in.	22.5 lbs.		
	206588	24 in.	15 lbs.		
	204777	12 in.	7.5 lbs.		
	213070	6 in.	2.25 in. Check Rod (Nylon Ball: 101120, Spring Pin: 106971)		

Solid Drive Points

Components	Part	MN	Notes
	2.25 in. Solid Drive Point	204784	3.5 in. OD
	2.25 in. Solid Drive Point	204783	3.0 in. OD
	2.25 in. Solid Drive Point	204764	2.5 in. OD

Expendable Points

Components	Part	MN	Notes
	2.25 in. Expendable Point Holder Short	205481	2.25 in. OD 1.5 in. ID
	2.25 in. Expendable Steel Point	213789	2.45 in. OD Quantity: 25
	2.25 in. Expendable Steel Point	213788	2.45 in. OD
	O-Ring (2.25 in. Expendable Point)	200282	Quantity: 25

Probe Rod Pulling / Lifting

Components	Part	MN	Notes
	RG Handle Assembly	205664	2.25 in., GH60
	RG Body	204403	2.25 in., GH60
	RG Jaw	205565	2.25 in., GH60
	RG Handle Assembly	205678	2.25 in., GH40
	RG Body	204401	2.25 in., GH40
	RG Jaw	205676	2.25 in., GH40
	BOLT SHLD SH 3/4-10NC X 7/8 X 1 GR8	101118	
	2.25 in. Pull Cap	206823	
	2.25 in. Pull Cap	219263	Slotted
	2.25 in. Spring Assisted Swivel Lift Cap	226053	Box
	2.25 in. Spring Assisted Swivel Lift Cap	217609	Pin
	2.25 in. Swivel Lift Cap	206876	Box
	2.25 in. Swivel Lift Cap	207352	Pin
	2.25 in. Leaf Puller	206643	Holds 2.125 or 2.25 rods
	2.25 in. Flange Pull Rod	207256	3230DT/8040DT Machines

Accessories

Components	Part	MN	Notes
	O-Ring (2.25 in. Probe Rod)	213790	Quantity: 25
	Rod Wiper Donut	600412	2.25 in. (For use with Weldment: 204387)
	Nylon Brush	600998	2.25 in. Rod

DT22 Detent Drive Head

geoprobe.com/drive-head



Quickly attach and detach liners with the push of the detent pin.

Drive Head stays on center rod/tool string



Drive Caps

Components	Part	MN	Notes
	3.25 in. Drive Cap	201275	GH60, Threadless
	3.25 in. Drive Cap	201448	GH40, Threadless

Probe Rods

3.25 in. Probe Rod	MN	Length	Weight	OD	ID
	201185	60 in.	49 lbs.	3.25 in.	2.625 in.
	201446	48 in.	39.2 lbs.		
	203284	24 in.	19.6 lbs.		
	202313	12 in.	9.8 lbs.		
	202363	1 m	32.2 lbs.		

Solid Drive Points

Components	Part	MN	Notes
	3.25 in. Solid Drive Point	201273	3.5 in. OD

Expendable Points

Components	Part	MN	Notes
	3.25 in. Expendable Point Holder Short	226452	3.25 in. OD 2.625 in. ID
	3.25 in. Expendable Steel Point	213799	3.57 in. OD Quantity: 10
	3.25 in. Expendable Steel Point	213798	3.57 in. OD
	O-Ring (3.25 in. Expendable Point)	213800	Quantity: 20

Probe Rod Pulling / Lifting

Components	Part	MN	Notes
	RG Handle Assembly	201277	3.25 in., GH60
	RG Body	201189	3.25 in., GH60
	RG Jaw Hammer V-Block	202948	GH60
	RG Jaw Pad	201963	GH60
	PIN 7/8-9NC X 2.45 GR8 BLK	201280	
	FHSCS 3/8-16NC X .75	101149	
	RG Handle Assembly	202012	3.25 in., GH40
	RG Body	204402	3.25 in., GH40
	RG Jaw	202008	3.25 in., GH40
	BOLT SHLD SH 3/4-10NC X 7/8 X 1 GR8	101118	
	3.25 in. Pull Cap	202234	
	3.25 in. Spring Assisted Swivel Lift Cap	235367	Box
	3.25 in. Swivel Lift Cap	207272	Box
	3.25 in. Flange Pull Rod	207277	3230DT/8040DT Machines

Accessories

Components	Part	MN	Notes
	O-Ring (3.25 in. Probe Rod)	201325	Quantity: 25
	Rod Wiper Donut	600418	3.25 in. (For use with Weldment: 204387)
	Nylon Brush	601000	3.25 in. Rod



DT22 Detent Drive Head

Enables quick, easy insertion of the drive head into the liner.

- Spring-loaded detent pin secures the drive head to the liner, eliminating the need for a machine vice, set screws, and the "push, wiggle, and wedge" method.
- Faster switchover between samples.
- Drive head doesn't need to be removed from the inner rod string.
- All work can all be done right at the borehole at the front of the rig.

geoprobe.com/drive-head



3.75 in. Probe Rods & Accessories

geoprobe.com/3.75




785-825-1842

Drive Caps

Components	Part	MN	Notes
	3.75 in. Drive Cap	222459	GH60, Threadless
	3.75 in. Drive Cap NEW	236442	GH60, 70, 80, Threadless, Extended


Probe Rods

	MN	Length	Weight	OD	ID
	219275	60 in.	67.5 lbs.	3.75 in.	3 in.
	220539	48 in.	54 lbs.		
	219278	24 in.	27 lbs.		
	220395	12 in.	13.5 lbs.		











Solid Drive Points

Components	Part	MN	Notes
	3.75 in. Drive Point	219277	4.0 in. OD

Expendable Points

Components	Part	MN	Notes
	3.75 in. Expendable Point Holder	219559	3.75 in. OD 3 in. ID
	3.75 in. Expendable Point	219601	Use with Slim Prepacks

Probe Rod Pulling / Lifting

Components	Part	MN	Notes
	RG Handle Assembly	220413	3.75 in., GH60
	RG Body	220410	3.75 in., GH60
	RG Jaw Hammer V-Block	206336	GH60
	RG Jaw Pad	201963	GH60
	PIN 7/8-9NCX 2.45 GR8 BLK	201280	
	FHSCS 3/8-16NCX .75	101149	
	3.75 in. Pull Cap	220535	
	3.75 in. Spring Assisted Swivel Lift Cap NEW	234939	Box
	3.75 in. Swivel Lift Cap	220370	Box
	3.75 in. Flange Pull Rod	220730	3230DT/8040DT Machines

Accessories

Components	Part	MN	Notes
	Rod Wiper Donut	112826	3.75 in. (For use with Weldment: 204387)

Driving 3.75 in. Tooling

geoprobe.com/375tooling



Watch how quickly the 3230DT can drive 3.75 in. tooling.



4.5 in. Probe Rods & Accessories

geoprobe.com/4.5



785-825-1842

Drive Caps

Components	Part	MN	Notes
	4.5 in. Drive Cap	205080	GH60, Threadless
	4.5 in. Drive Cap	NEW 236436	GH60, Threadless, Extended

Probe Rods

	MN	Length	Weight	OD	ID
	205555	60 in.	82.5 lbs.	4.5 in.	3.75 in.
	204797	48 in.	66 lbs.		
	206412	24 in.	33 lbs.		
	208532	12 in.	16.5 lbs.		
	206890	1 m	54.1 lbs.		

Solid Drive Points

Components	Part	MN	Notes
	4.5 in. Solid Drive Point	205120	5.0 in. OD

Expendable Points

Components	Part	MN	Notes
	4.5 in. Expendable Point Holder Short	207649	4.5 in. OD 3.75 in. ID
	4.5 in. Expendable Point Steel	207735	5 in. OD
	4.5 in. Expendable Point Steel	208510	4.5 in. OD

Probe Rod Pulling / Lifting

Components	Part	MN	Notes
	RG Handle Assembly	206433	4.5 in., GH60 Series
	RG Body	206515	4.5 in., GH60 Series
	RG Jaw Hammer V-Block	206336	GH60
	RG Jaw Pad	201963	GH60
	PIN 7/8-9NCX 2.45 GR8 BLK	201280	
	FHSCS 3/8-16NCX .75	101149	
	4.5 in. Latch Lift Cap	207873	
	4.5 in. Spring Assisted Swivel Lift Cap	NEW 234931	Box
	4.5 in. Swivel Lift Cap	205690	Box
	4.5 in. Flange Pull Rod	207255	3230DT/8040DT Machines

Accessories

Components	Part	MN	Notes
	O-Ring (4.5 in. Probe Rod)	104730	Quantity: 25
	Rod Wiper Donut	600448	4.5 in. (For use with Weldment: 204387)

Quick Change Hook & Overshot Clevis

This Geoprobe® exclusive provides a quick and efficient way to attach accessories to the winch line.

geoprobe.com/quick-change



- It's quick, simple, and can all be done by hand.
- To switch from pulling to coring, swap out the swivel hook for the overshot clevis installed on the overshot, and continue working.
- Simply unthread the retainer cap and slip the wire rope from the slot to change accessories.
- The quick change hook is available on the 1,800 lbf and 1,100 lbf winches.



785-825-1842

6.0 in. Probe Rods & Accessories

geoprobe.com/6.0




785-825-1842

Drive Caps

Components	Part	MN	Notes
	6.0 in. Drive Cap	217657	GH80, Threadless

Probe Rods

	MN	Length	Weight	OD	ID
	207865	60 in.	112.5 lbs.	6 in.	5.25 in.
	208304	24 in.	45 lbs.		
	209492	18 in.	33.75 lbs.		
	219796	12 in.	22.5 lbs.		

Probe Rod Pulling / Lifting

Components	Part	MN	Notes
	6.0 in. Swivel Lift Cap	208272	Box
	6.0 in. Flange Pull Rod NEW	235566	3230DT/8040DT Machines

Accessories

Components	Part	MN	Notes
	Rod Wiper Donut	600624	6.0 in. OD (For use with Weldment: 204387)

Manual Sampling (1.25 in. based)

geoprobe.com/manual

Components	Part	MN	Notes
	Manual Slide Hammer	202838	30 lb.
	1.25 in. Drive Cap Spec. Hammer	204180	Threaded, for 1.0 in. Anvil
	Anvil Bosch Hilti SDS Max	213795	
	Anvil Hammer	107462	1.125 in. Hex Shank
	Manual Slide Hammer Anvil	202846	1.25 in Rod
	Manual Probe Rod Jack	213886	For 1.25 in. Rods
	Manual Jack Adapter Kit	202772	1.25 in. Rod
	Manual Jaw Assembly	202770	1.25 in. Rod
	Spool UHMWPE MOD	202771	1.25 in.

Components	Part	MN	Notes
	Manual Jaw Chuck	202769	1.25 in. Rod
	Manual Jack Handle	213882	
	Manual Rod Jack Handle Housing	213880	
	Manual Jack T-handle	213883	
	Manual Jack Spring Tension	107466	
	Manual Jack Spring Torsion	107465	
	Manual Jack Pin Clevis	213888	
	1.25 in. Lift Cap	213756	Box
	1.25 in. Pull Cap	213751	

Casing Advancement Options

geoprobe.com/advancement

Geoprobe

785-825-1842

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3.25 in. Casing Advancement Options

Components	Part	MN	Notes
	3.25 in. Casing Shoe	203799	2.38 in. ID
	3.75 in. Centering Drive Cap 1.5	202985	1.5 in.
	SPT Solid Drive Point	203844	1.5 in. Pin O-Ring: 203598
	2.25 in. SPT Centering Drive Cap	216256	For 3.25 in. Probe Rods
	SPT Solid Drive Point	224926	2.25 in. Pin O-Ring: 102981

3.75 in. Casing Advancement Options

Components	Part	MN	Notes
	3.75 in. Casing Shoe	219951	2.85 in. ID
	3.75 in. Centering Drive Cap 1.5	202985	1.5 in.
	3.75 in. Drive Point	222841	1.5 pin, 2.8 in. OD, for casing shoe 219951
	AWJ Centering Drive Cap	230753	For use inside 3.75 in. Probe Rods
	2.25 in. SPT Centering Drive Cap	216256	For 3.25 in. Probe Rods
	3.75 in. SPT Drive PT 2.25 in. Pin 2.8 in. OD	220635	O-Ring: 101901

4.5 in. Casing Advancement Options

Components	Part	MN	Notes
	4.5 in. Casing Shoe	229882	3.55 in. ID 4.5 in. OD
	4.5 in. Casing Shoe	205734	3.55 in. ID 5.0 in. OD
	4.5 in. Discrete Point	206592	3.55 in. ID O-ring: 206593 (O-ring Qty: 10)
	DT45 Centering Drive Cap	206538	2.25 in. Rods

6.0 in. Casing Advancement Options

Components	Part	MN	Notes
	6.0 in. Casing Shoe	223088	5.05 in. ID
	DT60 Cutting Shoe	208079	3.975 in. ID
	6.0 in. Discrete Point	223488	2.25 in. Box 5.05 in. OD
	DT60 Discrete Point	224688	2.25 in. Box 3.975 in. OD O-Ring: 101467
	6.0 in. Centering Drive Cap	223110	2.25 in. Pin



Portable Hydraulic Rod Clamp

Makes pulling rods easy and prevents tool strings from dropping down hole.

- A must for one-man operations, deep hole work with the Macro-Core® system, and for holding inner rods for dual tube systems.
- Uses an auxiliary hydraulic circuit on the machine with a detent button / handle on the control panel that maintains pressure when the button or lever is released.
- Two-way auxiliary hydraulics allows powered opening and closing of the clamp.
- Used with 1.25-inch up to 3.75-inch rods.
- For use with the 7822DT, 7800, 7730DT, 7720DT, 6712DT, and 6620DT machines.

geoprobe.com/phrc



Direct Push Tooling

Adapters

Components	Part	MN	Notes
	1.25 Pin x AW Pin	213761	1.55 in. S-S
	1.5 Pin x 1.5 Pin	207234	1.00 in. S-S
	1.75 RHSL Pin x 1.75 RHSL Pin	231502	0.50 in. S-S
	2.25 Pin x 2.25 Pin	207394	4.00 in. S-S
	2.25 Box x 2.25 Box	208872	6.00 in. S-S
	1.25 Box x LB Pin	213764	1.68 in. S-S
	1.25 Box x 1.5 Pin	202789	2.88 in. S-S
	1.5 Box x 1.25 Pin	202790	3.13 in. S-S
	1.75 -12 Box x 1.5 Pin	236618	4.38 in. S-S
	1.75 RHSL Box x 1.75 RHML Pin	220130	4.08 in. S-S
	1.75 RHSL Box x 1.5 Pin	220545	4.50 in. S-S
	1.75 RHML Box x 1.5 Pin	222276	3.25 in. S-S
	2.25 Box x 1.5 Pin	204785	2.88 in. S-S
	2.25 Box x 1.75 RHML Pin	230906	3.53 in. S-S
	2.25 Box x AWJ Pin	210906	3.50 in. S-S
	3.25 Box x 1.5 Pin	203268	3.50 in. S-S
	AWJ Pin x 1.5 Pin	203192	1.63 in. S-S
	1.5 Box x AWJ Pin	203191	1.88 in. S-S
	1.5 Box x AWJ Box	209845	4.50 in. S-S
	AW Pin x 1.5 Pin	203052	1.00 in. S-S
	AWJ Pin x 2.25 Pin	207506	1.50 in. S-S
	AWJ Pin x AW Pin	207486	1.43 in. S-S
	NWJ Box x NWJ Box	233912	7.00 in. S-S
	2.25 Box x NWJ Pin	210902	5.50 in. S-S
	NWJ Pin x 2.25 Pin	208863	3.50 in. S-S
	NWJ Box x 2.25 Box	208864	8.00 in. S-S
	NWJ Box x AWJ Pin	600692	4.25 in. S-S

Rod Wiper Donut

Components	Part	MN	Notes
	Rod Wiper Donut	600624	6.0 in. OD (Weldment: 204387)
	Rod Wiper Donut	600448	4.5 in. (Weldment: 204387)
	Rod Wiper Donut	112826	3.75 in. (Weldment: 204387)
	Rod Wiper Donut	600418	3.25 in. (Weldment: 204387)
	Rod Wiper Donut	600412	2.25 in. (Weldment: 204387)
	Rod Wiper Donut	600341	1.25 in. / 1.5 in. / 1.75 in. (Weldment: 204387)
	Rod Wiper Weldment	204387	

Extension Rods

Components	Part	MN	Notes
	Extension Rod Handle	213837	
	Extension Rod Quick Link Box	213839	
	Extension Rod Quick Link Pin	213838	
	Extension Rod Coupler	213836	
	Extension Rod Centering Plug	213834	
	Extension Rod	201352	60 in. Stainless Steel
	Extension Rod	213833	48 in. Stainless Steel

Brushes

Components	Part	MN	Notes
	Nylon Brush	600996	1.25 in. / 1.5 in. Rod
	Nylon Brush	600998	2.25 in. Rod
	Nylon Brush	601000	3.25 in. Rod
	Nylon Brush	600999	GW Tools
	Nylon Brush	601002	LB Tools
	Nylon Brush	601003	MC5 Tools
	Steel Bristle Brush - Wooden Handle	601001	

S-S (Shoulder to Shoulder)

Rod Clamps

Components	Part	MN	Notes
	Portable Hydraulic Rod Clamp	213421	For 3.5 in. - 1.25 in. Probe Rods (Requires Hose Kit)
	Hydraulic Rod Clamp Hose Kit	224123	78 Series Rigs
	Hydraulic Rod Clamp Hose Kit	213458	6600/7720DT Rigs
	Adjustable Center Rod Clamp	205182	1.25 in. Center Rod

Mounting

Components	Part	MN	Notes
	Vise Mount Assembly Bench Yoke Vise	204663	
	Pipe Vise Horizontal Weldment	225050	NEW
	Frame Rail Mount Tray / Vise	214783	
	Bench Yoke Vise	600322	
	Horizontal Vise and Mounting Assembly	235403	NEW
	Yoke Vise & Mounting Bracket Kit	213932	
	Split Sheath Chain Vise Rack	219920	

Spring Assisted Swivel Lift Cap

Components	Part	MN	Notes
	2.25 in. Spring Assisted Swivel Lift Cap	217609	Pin
	2.25 in. Spring Assisted Swivel Lift Cap	226053	Box
	3.25 in. Spring Assisted Swivel Lift Cap	235367	Box
	3.75 in. Spring Assisted Swivel Lift Cap	234939	Box
	4.5 in. Spring Assisted Swivel Lift Cap	234931	Box
	AWJ Spring Assisted Swivel Lift Cap	231440	AWJ, Pin
	NWJ Spring Assisted Swivel Lift Cap	230334	NWJ, Pin

Accessories

Components	Part	MN	Notes
	Socket 1/2 in. Drive 1-1/8 in. 12PT	600159	
	Breakover Bar	600158	.5 in. Drive
	O-Ring Pick	213743	
	TEFLON TAPE 3 in. W X 108 ft. LG	600978	0.003 in. Thick
	Adapter 32P x 12V Socket	204471	
	Adapter 32P x Dual 12V Socket	204472	
	Liner Cutter Replacement Blades	600985	Quantity: 5
	Glass Bead / Bentonite Mix	213851	250 ML
	Bentonite Granular #16	600991	50 lb. Bag
	Bentonite 200 Mesh Powder	600992	50 lb. Bag
	Glass Bead / Bentonite Mix	213875	50 lb. Pail
	Glass Bead 60-100 Mesh	600995	50 lb. Pail
	Deburring Tool	601022	
	Sand Silica 20-40 Mesh	213876	75 lb. Bucket
	Sand Silica 10-20 Mesh	601090	Per Pound
	Thread Locking 242 Loctite Blue	601031	10 ML

Leaf Pullers

Components	Part	MN	Notes
	1.25 in. Leaf Puller	206239	
	1.5 in. Leaf Puller	208806	
	2.25 in. Leaf Puller	206643	Holds 2.125 or 2.25 rods
	AWJ / AW Rod Leaf Puller	206875	

Portable Hydraulic Rod Clamp

geoprobe.com/phrc



Makes pulling rods as easy as putting them in. A must for one-man operation and deep hole work.

2

Soil Sampling Systems (Direct Push)

geoprobe.com/dp-sampling

Direct push soil sampling tools do not remove cuttings from the bore hole but depend on specialty designed soil samplers that are advanced through unconsolidated soil formations via static weight and percussion energy. Benefits include the ability to recover continuous soil cores through holes barely larger than the core itself, the absence of cuttings, and the ability to recover cores using relatively small and highly mobile machinery.

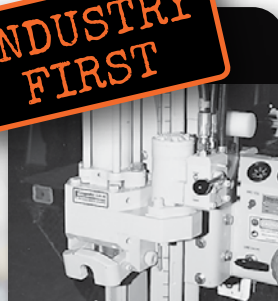
Single Rod Systems are robust, dependable, and efficient methods at collecting shallow soil samples. At less than 20 feet, they are hard to beat! Single rod soil samplers for soil profiles include Macro-Core® and LB.

Dual Tube Sampling Systems are efficient methods of collecting continuous soil cores with the added benefit of a cased hole. Our line of Dual Tube Soil Sampling System include: DT22, DT325, DT37, DT45, and DT60.

What's New

- *DT22 Dual Punch Liners*
(works with detent or standard drive head)
- *Stronger core catcher attachment*
- *Improved 3.75 tooling for easier rock coring*
(increased inside diameter overbore to a depth of 5 inches)

INDUSTRY FIRST



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Geoprobe®
GH40
Percussion
Hammer

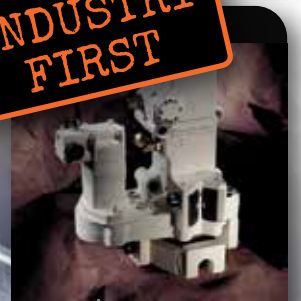
INDUSTRY FIRST



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Macro-Core® Soil
Sampling System

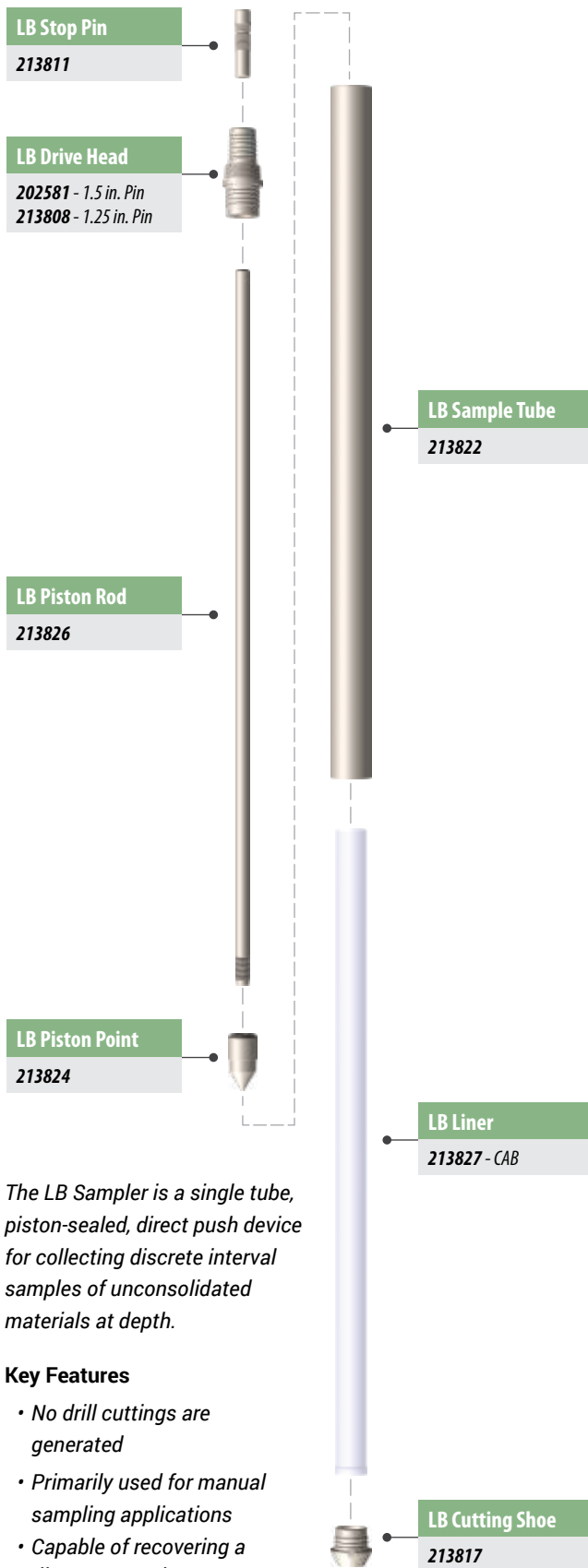
INDUSTRY FIRST



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Geoprobe®
GH60
Percussion
Hammer





The LB Sampler is a single tube, piston-sealed, direct push device for collecting discrete interval samples of unconsolidated materials at depth.

Key Features

- No drill cuttings are generated
- Primarily used for manual sampling applications
- Capable of recovering a discrete sample core

Sampling Components

Components	Part	MN	Notes
	LB Stop Pin	213811	9/16 in. THD
	LB Drive Head	202581	1.5 in. Pin, 9/16 Stop Pin, Thd
	LB Drive Head	213808	1.25 in. Pin, 9/16 Stop Pin, Thd
	LB Piston Rod	213826	9/16 in. Thd
	LB Piston Point	213824	9/16 in. Thd
	LB Sample Tube	213822	
	LB Liner	213827	CAB, Quantity: 100
	LB Cutting Shoe	213817	

Extension Rods

Components	Part	MN	Notes
	Extension Rod Handle	213837	
	Extension Rod Quick Link Box	213839	
	Extension Rod Quick Link Pin	213838	
	Extension Rod	201352	60 in. Stainless Steel
	Extension Rod	213833	48 in. Stainless Steel
	Extension Rod Centering Plug	213834	

Accessories

Components	Part	MN	Notes
	LB Vinyl End Caps	213816	100 Pair
	O-Ring (LB Stop Pin 9/16 in. Thread)	213812	Quantity: 25
	Tap 9/16 in. Reverse THD	600977	
	Die and Handle Kit	213814	9/16 in. Thd
	LB Cutting Shoe Wrench	213831	
	Nylon Brush	601002	LB Tools
	O-Ring Pick	213743	

Macro-Core® MC5 Soil Sampling System (LWCR)

geoprobe.com/mc5

Geoprobe®

785-825-1842

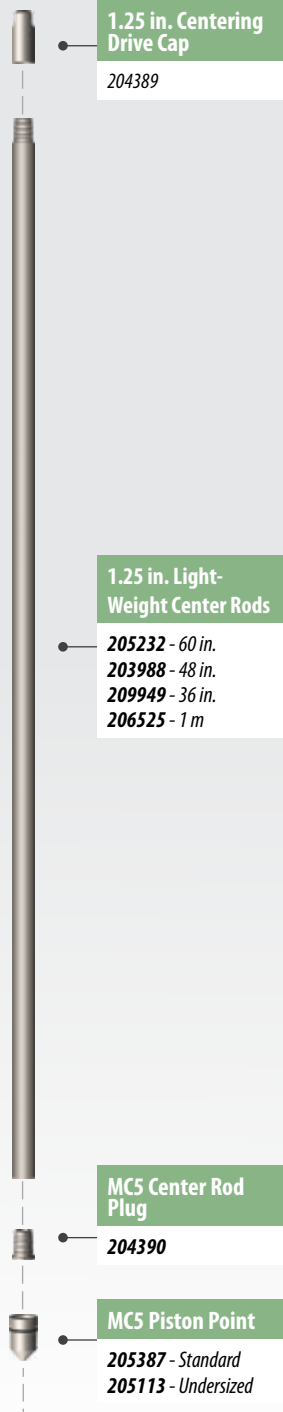


Our Macro-Core® MC5 Soil Sampling System is a single tube, discrete or continuous core sampler system with unmatched durability. The MC5 1.25 in. Center Rod System was designed for the absolute worst of the worst direct push sampling conditions. Coupled with Light-Weight Center Rods, soil core sampling got faster and easier!

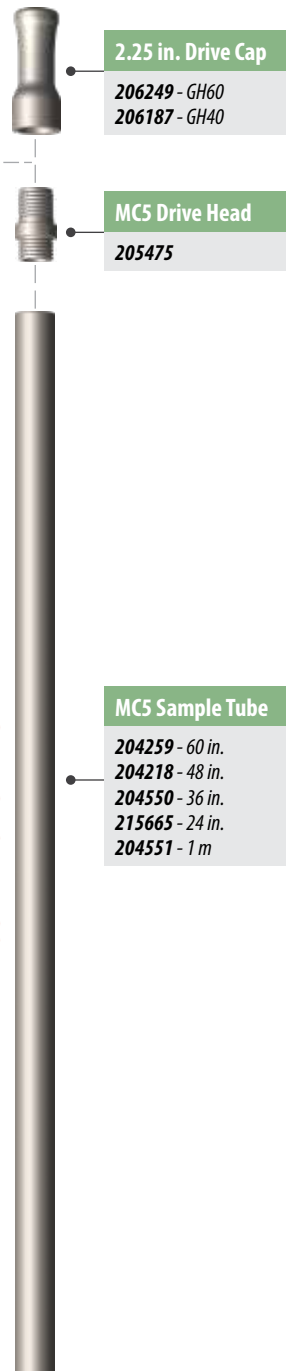
Key Features

- Robust thread design
- Discrete & continuous soil sampling
- Quick operation (no stop-pins required)

DISCRETE SAMPLING OPTION



OUTER ROD STRING



MC5 Liner

600131 - 60 in.
600993 - 48 in.
213872 - 36 in.
213873 - 24 in.
213874 - 1 m

MC5 Liner Core Catcher

213856 - Qty: 28
600989 - Qty: 100

MC5 Liner Spacer


213857 - Qty: 66
600988 - Qty: 500

MC5 Cutting Shoe


See table on next page

Core catchers and liner spacers are not used with the extended shank cutting shoe.






Drive Caps & Drive Head

Components	Part	MN	Notes
	2.25 in. Drive Cap	206249	GH60, Threadless
	2.25 in. Drive Cap	206187	GH40, Threadless
	MC5 Drive Head	205475	2.25 Center Rod, 2.375 OD


MC5 Sample Tubes

Components	Part	MN	Notes
	MC5 Sample Tube	204259	60 in.
		204218	48 in.
		204550	36 in.
		215665	24 in.
		204551	1 m


Liners & Accessories

Components	Part	MN	Notes
	MC5 Liner	600131	60 in., PVC Quantity: 66
	MC5 Liner	600993	48 in., PVC Quantity: 66
	MC5 Liner	213872	36 in., PVC Quantity: 66
	MC5 Liner	213873	24 in., PVC Quantity: 66
	MC5 Liner	213874	1 m, PVC Quantity: 66
	MC5 Liner Stainless Steel	202873	60 in., SS, Built to Order
	MC5 Liner Stainless Steel	213840	48 in., SS, Built to Order
	MC5 Liner Cutter	213845	
	MC5 Liner Core Catcher	213856	Quantity: 28
	MC5 Liner Core Catcher	600989	Quantity: 100
	MC5 Liner Spacer	213857	Quantity: 66
	MC5 Liner Spacer	600988	Quantity: 500


Cutting Shoes

Components	Part	MN	Notes
	MC5 Cutting Shoe Standard Shank	204217	1.5 in. ID
	MC5 Cutting Shoe Extended Shank	204500	1.5 in. ID, 2.375 in. OD
	MC5 Cutting Shoe Standard Shank	205705	1.35 in. ID, 2.375 in. OD
	MC5 Cutting Shoe Extended Shank	206460	1.35 in. ID, 2.3 in. OD
	MC5 Cutting Shoe Extended Shank	204985	1.25 in. ID, 2.375 in. OD
	MC5 Cutting Shoe Tapered	206560	2.25 in. OD


Discrete Sampling Option

Components	Part	MN	Notes
	1.25 in. Centering Drive Cap	204389	Threadless
	MC5 Center Rod Plug	204390	1.25 in. THD
	MC5 Piston Point	205387	1.5 in. OD w/ O-Ring
	MC5 Piston Point Undersized	205113	1.35 in. OD w/ O-Ring

Light-Weight Center Rods

1.25 in. Light-Weight Center Rods	MN	Length	Weight	OD	ID
	205232	60 in.	6 lbs.	1.25 in.	0.625 in.
	203988	48 in.	5.1 lbs.		
	209949	36 in.	4.2 lbs.		
	206525	1 m	4.5 lbs.		

Accessories

Components	Part	MN	Notes
	O-Ring (MC5 Point, DT22 Point, SP16 SS Screen)	213918	Quantity: 25
	MC5 Vinyl End Caps	213843	66 Pair
	Hydraulic Extruder Adapter	205697	MC5
	Hydraulic Extruder Plunger	203559	MC5
	Nylon Brush	601003	MC5 Tools

MC5 - Step by Step

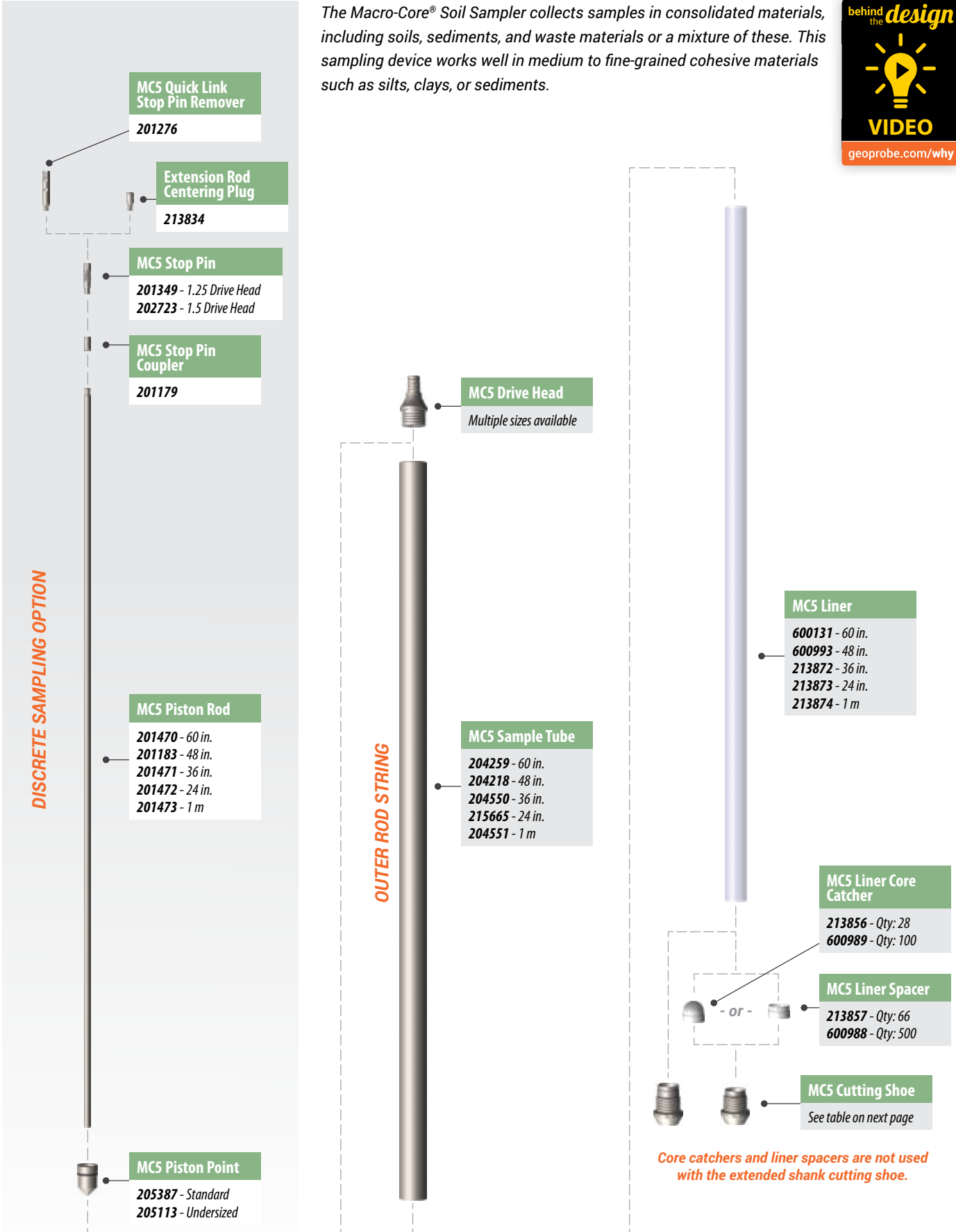
geoprobe.com/mc5





This video goes through setup and sampling using the Macro-Core® MC5 Soil Sampling System.




The Macro-Core® Soil Sampler collects samples in consolidated materials, including soils, sediments, and waste materials or a mixture of these. This sampling device works well in medium to fine-grained cohesive materials such as silts, clays, or sediments.








Drive Caps & Drive Head

Components	Part	MN	Notes
	MC5 Drive Head	205021	1.25 Pin with SP Thd
		204257	1.5 Pin with SP Thd
		227706	1.75 Pin with SP Thd
	MC5 Drive Head	205372	1.25 Pin with 1/8 Bore
		205371	1.5 Pin with 1/4 Bore



MC5 Sample Tubes

Components	Part	MN	Notes
	MC5 Sample Tube	204259	60 in.
		204218	48 in.
		204550	36 in.
		215665	24 in.
		204551	1 m




Liners & Accessories

Components	Part	MN	Notes
	MC5 Liner	600131	60 in., PVC Quantity: 66
	MC5 Liner	600993	48 in., PVC Quantity: 66
	MC5 Liner	213872	36 in., PVC Quantity: 66
	MC5 Liner	213873	24 in., PVC Quantity: 66
	MC5 Liner	213874	1 m, PVC Quantity: 66
	MC5 Liner Stainless Steel	202873	60 in., SS, Built to Order
	MC5 Liner Stainless Steel	213840	48 in., SS, Built to Order
	MC5 Liner Cutter	213845	
	MC5 Liner Core Catcher	213856	Quantity: 28
	MC5 Liner Core Catcher	600989	Quantity: 100
	MC5 Liner Spacer	213857	Quantity: 66
	MC5 Liner Spacer	600988	Quantity: 500






Rods

Components	Part	MN	Notes
	MC5 Piston Rod	201470	60 in.
		201183	48 in.
		201471	36 in.
		201472	24 in.
		201473	1 m
	Extension Rod	201352	60 in., Stainless Steel
		213833	48 in., Stainless Steel

Cutting Shoes

Components	Part	MN	Notes
	MC5 Cutting Shoe Standard Shank	204217	1.5 in. ID
	MC5 Cutting Shoe Extended Shank	204500	1.5 in. ID, 2.375 in. OD
	MC5 Cutting Shoe Standard Shank	205705	1.35 in. ID, 2.375 in. OD
	MC5 Cutting Shoe Extended Shank	206460	1.35 in. ID, 2.3 in. OD
	MC5 Cutting Shoe Extended Shank	204985	1.25 in. ID, 2.375 in. OD
	MC5 Cutting Shoe Tapered	206560	2.25 in. OD

Discrete Sampling Option

Components	Part	MN	Notes
	MC5 Quick Link Stop Pin Remover	201276	
	Extension Rod Centering Plug	213834	
	MC5 Stop Pin	201349	For 1.25 in. Drive Heads, O-Ring: 213812
	MC5 Stop Pin	202723	For 1.5 in. Drive Heads
	MC5 Stop Pin Coupler	201179	
	MC5 Piston Point	205387	1.5 in. OD w/ O-Ring
	MC5 Piston Point Undersized	205113	1.35 in. OD w/ O-Ring

Accessories

Components	Part	MN	Notes
	O-Ring (MC5 Point, DT22 Point, SP16 SS Screen)	213918	Quantity: 25
	O-Ring (LB Stop Pin 9/16 in. Thread)	213812	Quantity: 25
	MC5 Vinyl End Caps	213843	66 Pair
	Hydraulic Extruder Adapter	205697	MC5
	Hydraulic Extruder Plunger	203559	MC5
	Nylon Brush	601003	MC5 Tools
	Extension Rod Handle	213837	
	Extension Rod Quick Link Box	213839	
	Extension Rod Quick Link Pin	213838	
	Tap 9/16 in. Reverse THD	600977	
	Die and Handle Kit	213814	9/16 in. THD
	O-Ring Pick	213743	

Macro-Core® MC7 Soil Sampling System

geoprobe.com/mc7



785-825-1842

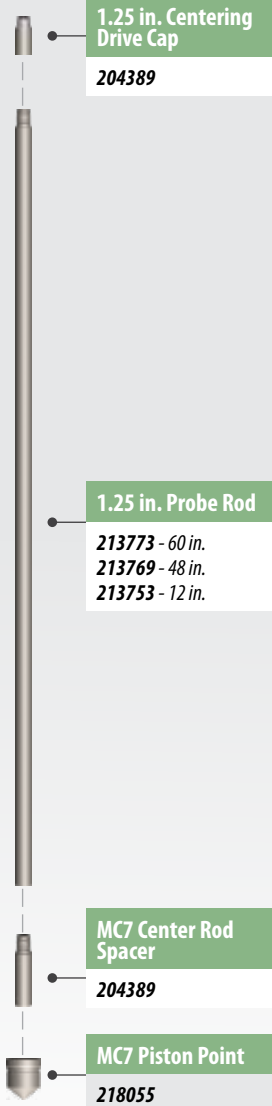


The Macro-Core® MC7 offers a larger diameter soil core, advantageous when sampling in formations such as coarse sands or gravels. An optional piston point allows the core sampler to be advanced through slough and other open bore hole obstructions without collecting material.

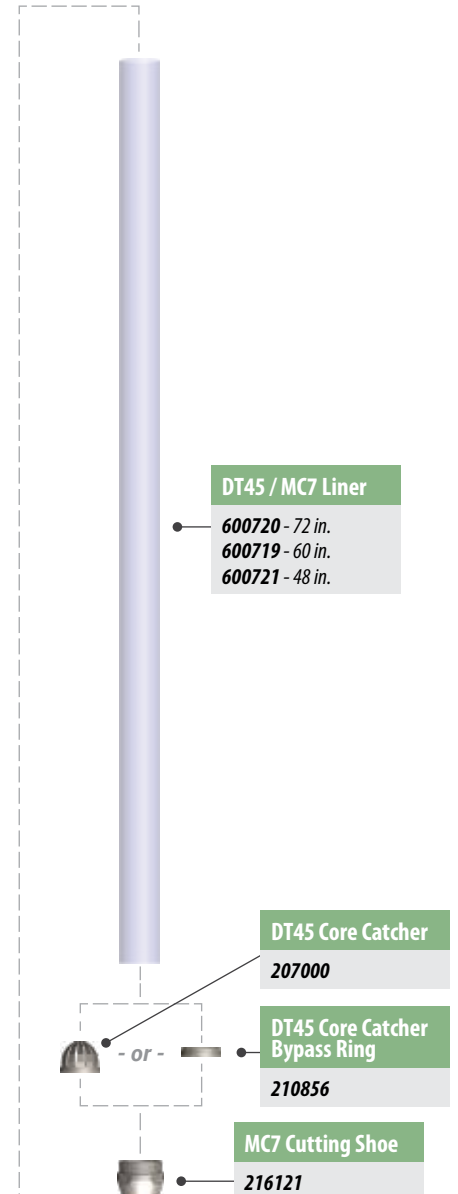
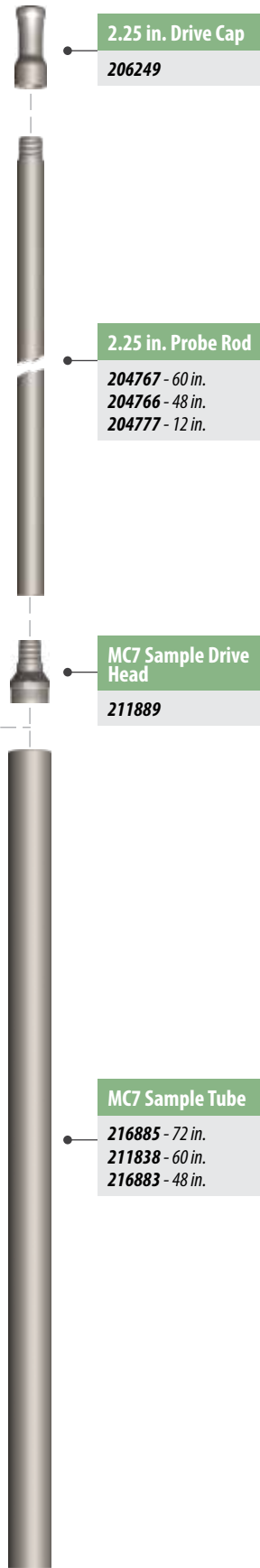
Key Features

- Large diameter soil core
- Robust thread design
- Continuous & discrete soil sampling
- Quick operation (no stop-pins required)
- Core Diameter Size: 2.36-in.

DISCRETE SAMPLING OPTION




OUTER ROD STRING



Drive Caps & Drive Heads

Components	Part	MN	Notes
	2.25 in. Drive Cap	206249	GH60, Threadless
	MC7 Sample Drive Head	211889	




2.25 in. Probe Rods

2.25 in. Probe Rod	MN	Length	Weight	OD	ID
	204767	60 in.	37.5 lbs.	2.25 in.	1.5 in.
	204766	48 in.	30 lbs.		
	204777	12 in.	7.5 lbs.		

MC7 Sample Tubes

Components	Part	MN	Notes
	MC7 Sample Tube	216885	72 in., Built to Order
		211838	60 in.
		216883	48 in.




Liners & Accessories

Components	Part	MN	Notes
	DT45 / MC7 Liner	600720	72 in., PVC Built to Order Quantity: 18
	DT45 / MC7 Liner	600719	60 in., PVC Quantity: 18
	DT45 / MC7 Liner	600721	48 in., PVC Quantity: 18
	DT45/MC7 Liner Cutter	206987	
	DT45 Core Catcher	207000	
	DT45 Core Catcher Bypass Ring	210856	


Cutting Shoes

Components	Part	MN	Notes
	MC7 Cutting Shoe	216121	






Discrete Sampling Option

Components	Part	MN	Notes
	1.25 in. Centering Drive Cap	204389	Threadless
	MC7 Center Rod Spacer	216119	
	MC7 Piston Point	218055	O-Ring: 203598

1.25 in. Probe Rods

1.25 in. Probe Rod	MN	Length	Weight	OD	ID
	213773	60 in.	15.5 lbs.	1.25 in.	0.625 in.
	213769	48 in.	12.4 lbs.		
	213753	12 in.	3.1 lbs.		

Accessories

Components	Part	MN	Notes
	O-Ring	102981	
	DT45 Retainer / MC7 Cutting Shoe Wrench	205773	
	DT45 / MC7 Vinyl End Caps	207439	18 Pair
	Hydraulic Extruder Adapter	206639	DT45 / MC7
	Hydraulic Extruder Plunger	206317	DT45 / MC7

DT22 Soil Sampling System

geoprobe.com/dt22



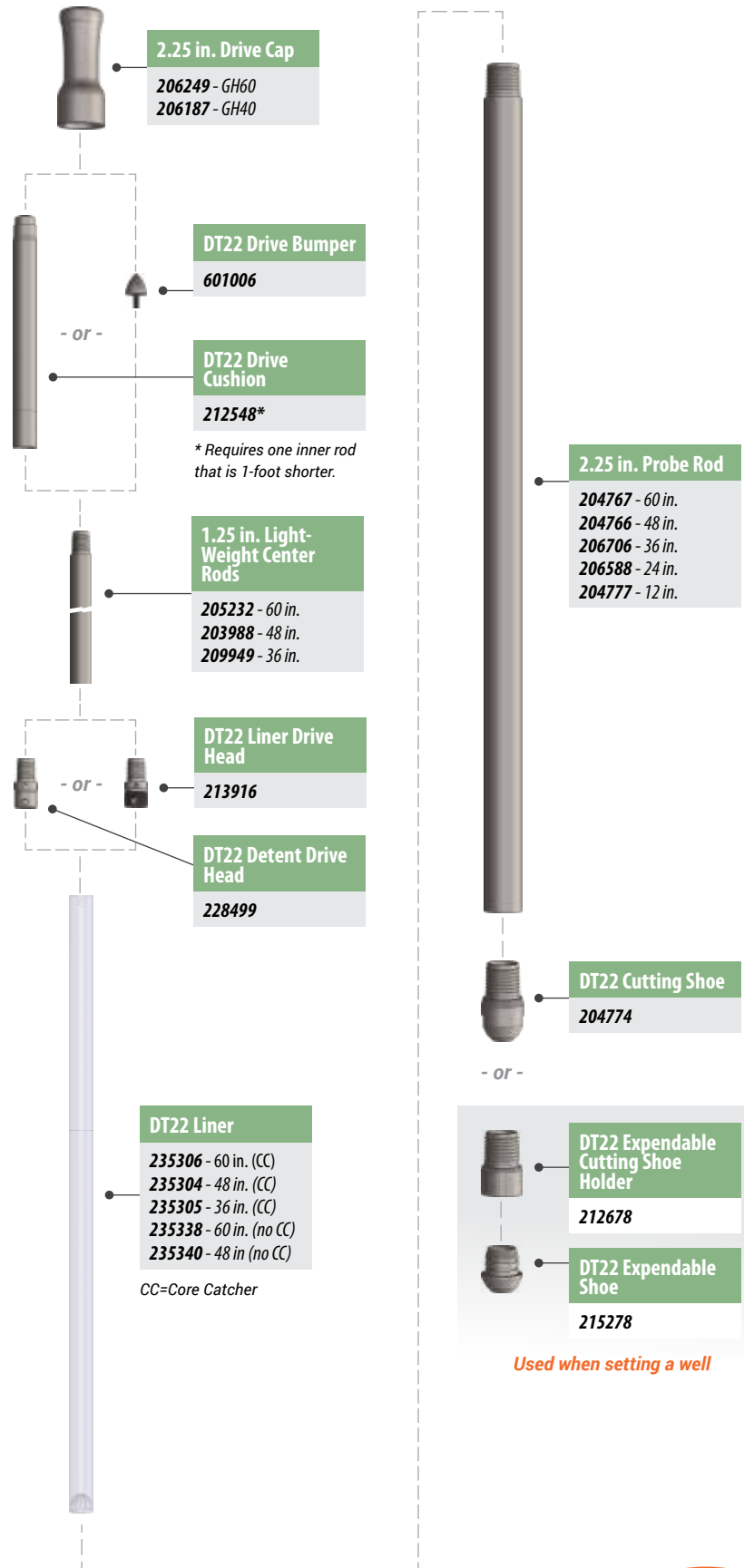
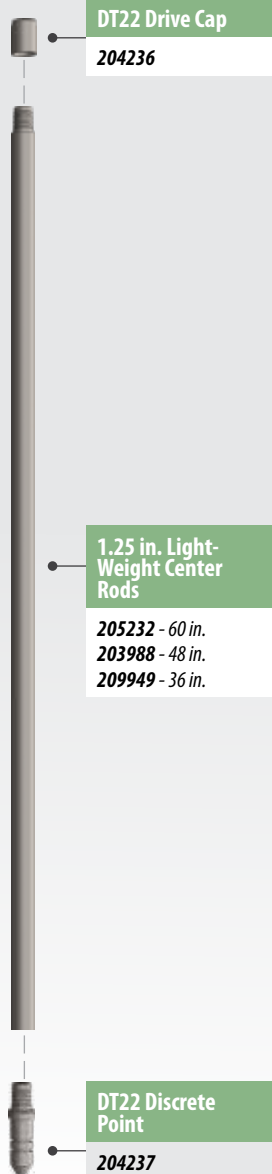
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DT22 Soil Sampling System is a dual tube soil sampling system used for collecting continuous core samples of unconsolidated materials from within a sealed casing.


Key Features

- Uses 2.25-in probe rods as outer casing
- Uses 1.25-in. Light Weight Center Rods for core extraction
- Collects continuous soil cores through a cased probe hole preventing any cross contamination
- Optional expendable cutting shoe for use when setting prepack monitoring wells
- Optional SP22 Groundwater Sampler used in conjunction with DT22
- Core Diameter Size: 1.13-in.


DISCRETE SAMPLING OPTION




Drive Caps & Cushion

Components	Part	MN	Notes
	2.25 in. Drive Cap	206249	GH60, Threadless
	2.25 in. Drive Cap	206187	GH40, Threadless
	DT22 Drive Cushion	212548	
	DT22 Drive Bumper	601006	



Light-Weight Center Rods

1.25 in. Light-Weight Center Rods	MN	Length	Weight	OD	ID
	205232	60 in.	6 lbs.	1.25 in.	0.625 in.
	203988	48 in.	5.1 lbs.		
	209949	36 in.	4.2 lbs.		


Drive Heads

Components	Part	MN	Notes
	DT22 Liner Drive Head	213916	1.25 Pin
	DT22 Detent Drive Head	228499	1.25 Pin
	DT22 Fishing Tool Head	209428	1.25 Pin


Liners & Accessories

Components	Part	MN	Notes
	NEW DT22 Liner (Core Catcher)	235306	60 in. Quantity: 50
	DT22 Liner (Core Catcher)	235304	48 in. Quantity: 50
	DT22 Liner (Core Catcher)	235305	36 in. Quantity: 50
	DT22 Liner (No Core Catcher)	235338	60 in. Quantity: 50
	DT22 Liner (No Core Catcher)	235340	48 in. Quantity: 50
	DT22 Liner Cutter	205516	


Probe Rods

2.25 in. Probe Rod	MN	Length	Weight	OD	ID
	204767	60 in.	37.5 lbs.	2.25 in.	1.5 in.
	204766	48 in.	30 lbs.		
	206706	36 in.	22.5 lbs.		
	206588	24 in.	15 lbs.		
	204777	12 in.	7.5 lbs.		


Cutting Shoes

Components	Part	MN	Notes
	DT22 Cutting Shoe	204774	1.125 in. ID, 2.375 in. OD
	DT22 Expendable Cutting Shoe Holder	212678	
	DT22 Expendable Shoe	215278	

Discrete Sampling Option

Components	Part	MN	Notes
	DT22 Drive Cap	204236	1.25 in. Rod, Threadless
	DT22 Discrete Point	204237	1.25 in. Pin

Accessories

Components	Part	MN	Notes
	O-Ring (MC5 Point, DT22 Point, SP16 SS Screen)	213918	Quantity: 25
	O-Ring (DT22 Expendable Cutting Shoe)	213913	Quantity: 50
	DT22 Rebuild Kit	213915	For 213916 (DT22 Drive Head)
	DT22 Liner Drive Head Bolt	202221	Quantity: 20
	DT22 Detent Drive Head Rebuild Kit	231158	For 228499 (DT22 Detent Drive Head)
	DT22 Drive Cushion Assist Handle	210804	For use with DT22 Drive Cushion
	DT22 Vinyl End Caps	213909	50 Pair
	Hydraulic Extruder Adapter (DT22)	206471	Pin
	Hydraulic Extruder Plunger	205743	DT22



DT22 Standard Drive Head



DT22 Detent Drive Head



DT22 Overview

geoprobe.com/dt22



This video shows how the DT22 system can be used for soil sampling.

DT325 Soil Sampling System

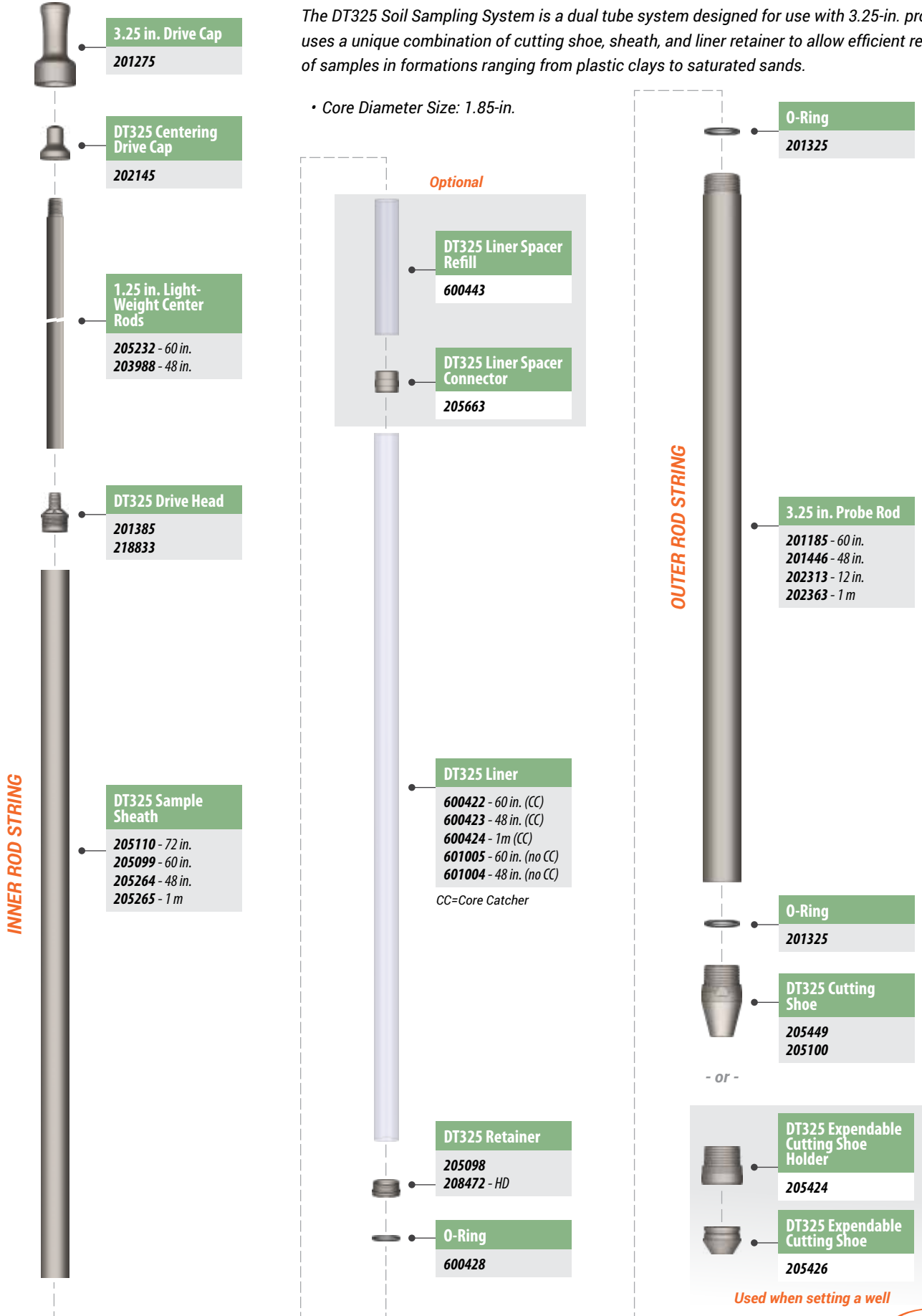
geoprobe.com/dt325



785-825-1842



The DT325 Soil Sampling System is a dual tube system designed for use with 3.25-in. probe rods, uses a unique combination of cutting shoe, sheath, and liner retainer to allow efficient recovery of samples in formations ranging from plastic clays to saturated sands.

• Core Diameter Size: 1.85-in.




Used when setting a well

Drive Caps

Components	Part	MN	Notes
	3.25 in. Drive Cap	201275	GH60, Threadless
	DT325 Centering Drive Cap	202145	1.25 in. Box


Light-Weight Center Rods

1.25 in. Light-Weight Center Rods	MN	Length	Weight	OD	ID
	205232	60 in.	6 lbs.	1.25 in.	0.625 in.
	203988	48 in.	5.1 lbs.		

Drive Heads

Components	Part	MN	Notes
	DT325 Drive Head	201385	1.25 in. Pin
	DT325 Drive Head (with Check Ball)	218833	1.25 in. Pin


Sample Sheath

Components	Part	MN	Notes
	DT325 Sample Sheath	205110	72 in.
		205099	60 in.
		205264	48 in.
		205265	1 m





Liners & Accessories

Components	Part	MN	Notes
 <i>Optional</i>	DT325 Liner Spacer Refill	600443	12 in.
	DT325 Liner Spacer Connector	205663	
	DT325 Liner (Core Catcher)	600422	60 in., PVC Quantity: 42
	DT325 Liner (Core Catcher)	600423	48 in., PVC Quantity: 42
	DT325 Liner (Core Catcher)	600424	1 m, PVC Quantity: 42
	DT325 Liner (No Core Catcher)	601005	60 in., PVC Quantity: 42
	DT325 Liner (No Core Catcher)	601004	48 in., PVC Quantity: 42
	DT325 Liner Cutter	205017	
	DT325 Retainer	205098	O-ring: 600428
	DT325 Retainer HD	208472	No O-ring



Probe Rods

3.25 in. Probe Rod	MN	Length	Weight	OD	ID
	201785	60 in.	49 lbs.	3.25 in.	2.625 in.
	201446	48 in.	39.2 lbs.		
	202313	12 in.	9.8 lbs.		
	202363	1 m	32.2 lbs.		









Cutting Shoes

Components	Part	MN	Notes
	DT325 Cutting Shoe	205449	1.85 in. ID, 3.45 in. OD
	DT325 Cutting Shoe	205100	1.75 in. ID, 3.45 in. OD
	DT325 Expendable Cutting Shoe Holder	205424	
	DT325 Expendable Cutting Shoe	205426	1.75 in. ID, 3.25 in. OD





Discrete Sampling Option

Components	Part	MN	Notes
	DT325 Discrete Point	205450	1.25 in. Pin, 1.85 in. OD
	DT325 Discrete Point	205279	1.25 in. Pin, 1.75 in. OD

Accessories

Components	Part	MN	Notes
	O-Ring (DT325 Liner Retainer)	600428	Quantity: 25
	O-Ring (3.25 in. Probe Rod)	201325	Quantity: 25
	O-Ring (DT325 Solid Drive Point)	202366	Quantity: 25
	DT325 Vinyl End Caps	600232	42 Pair
	Hydraulic Extruder Plunger	204499	DT325 / DT37
	Hydraulic Extruder Adapter	204681	DT325 / DT37
	Adjustable Center Rod Clamp	205182	1.25 in. Center Rod
	DT325 Liner Retainer Wrench	205299	

Lifting / Pulling

Components	Part	MN	Notes
	RG Handle Assembly	201277	3.25 in., GH60
	1.25 in. Leaf Puller	206239	
	3.25 in. Spring Assisted Swivel Lift Cap	235367	Box
	3.25 in. Swivel Lift Cap	207272	Box

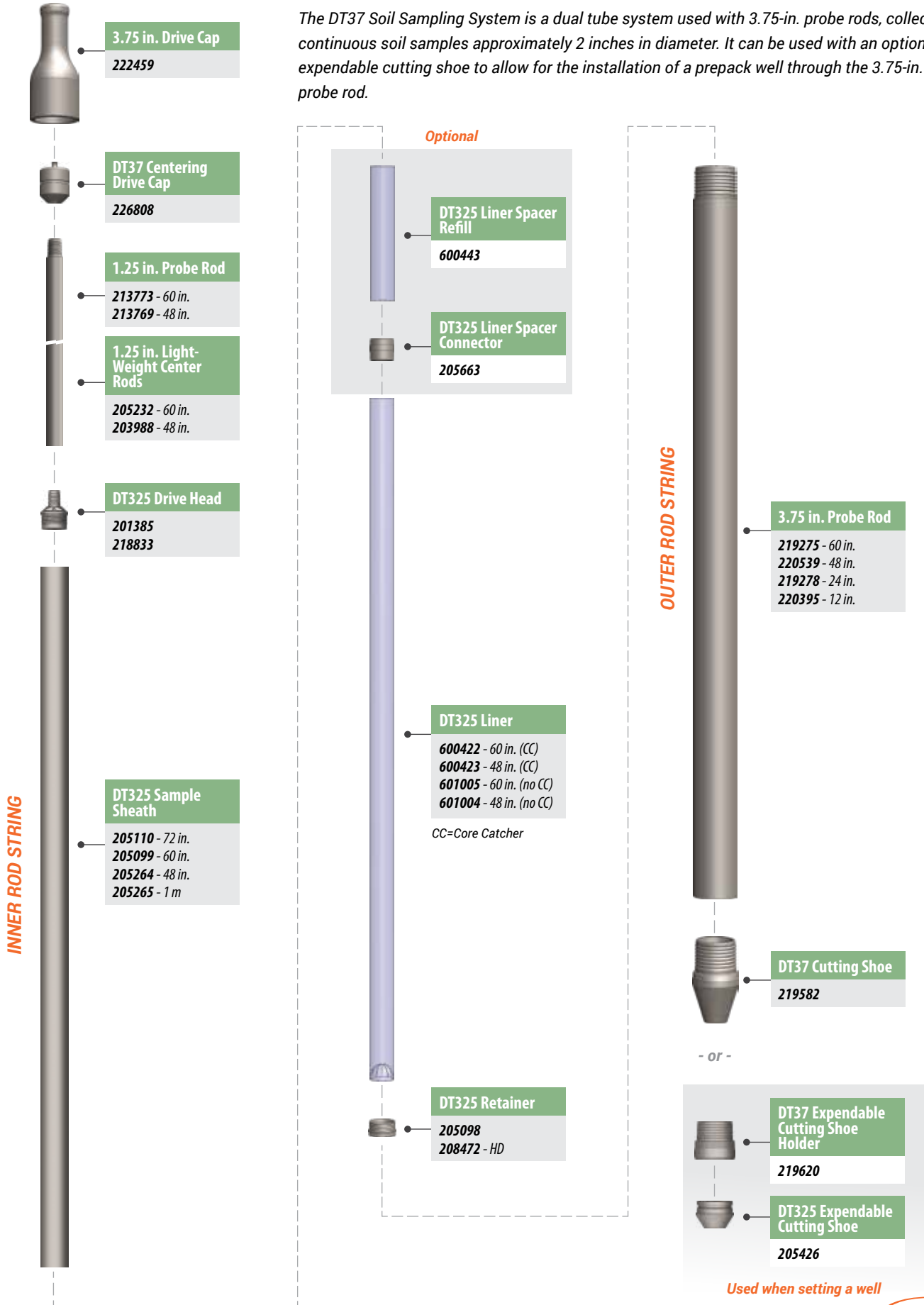
DT37 Soil Sampling System

geoprobe.com/dt37



785-825-1842

The DT37 Soil Sampling System is a dual tube system used with 3.75-in. probe rods, collects continuous soil samples approximately 2 inches in diameter. It can be used with an optional, expendable cutting shoe to allow for the installation of a prepack well through the 3.75-in. probe rod.



Used when setting a well



geoprobe.com



Drive Caps

Components	Part	MN	Notes
	3.75 in. Drive Cap	222459	GH60, Threadless
	DT37 Centering Drive Cap	226808	1.25 in. Box


Probe Rods / Light-Weight Center Rods

1.25 in. Probe Rod	MN	Length	Weight	OD	ID
	213773	60 in.	15.5 lbs.	1.25 in.	0.625 in.
	213769	48 in.	12.4 lbs.		
1.25 in. Light-Weight Center Rods	MN	Length	Weight	OD	ID
	205232	60 in.	6 lbs.	1.25 in.	0.625 in.
	203988	48 in.	5.1 lbs.		



Drive Heads

Components	Part	MN	Notes
	DT325 Drive Head	201385	1.25 in. Pin
	DT325 Drive Head (with Check Ball)	218833	1.25 in. Pin


Sample Sheath

Components	Part	MN	Notes
	DT325 Sample Sheath	205110	72 in.
		205099	60 in.
		205264	48 in.
		600443	12 in.




Liners & Accessories

Components	Part	MN	Notes
 <i>Optional</i>	DT325 Liner Spacer Refill	600443	12 in.
	DT325 Liner Spacer Connector	205663	
	DT325 Liner (Core Catcher)	600422	60 in., PVC (Quantity: 42)
	DT325 Liner (Core Catcher)	600423	48 in., PVC (Quantity: 42)
	DT325 Liner (No Core Catcher)	601005	60 in., PVC (Quantity: 42)
	DT325 Liner (No Core Catcher)	601004	48 in., PVC (Quantity: 42)
	DT325 Liner Cutter	205017	
	DT325 Retainer	205098	O-ring: 600428
	DT325 Retainer HD	208472	No O-ring



Probe Rods

3.75 in. Probe Rod	MN	Length	Weight	OD	ID
	219275	60 in.	67.5 lbs.	3.75 in.	3 in.
	220539	48 in.	54 lbs.		
	219278	24 in.	27 lbs.		
	220395	12 in.	13.5 lbs.		









Cutting Shoes

Components	Part	MN	Notes
	DT37 Cutting Shoe	219582	1.85 in. ID, 3.95 in. OD
	DT37 Expendable Cutting Shoe Holder	219620	
	DT325 Expendable Cutting Shoe	205426	1.75 in. ID, 3.25 in OD





Discrete Sampling Option

Components	Part	MN	Notes
	DT325 Discrete Point	205450	1.25 in. Pin, 1.85 in. OD
	DT325 Discrete Point	205279	1.25 in. Pin, 1.75 in. OD

Accessories

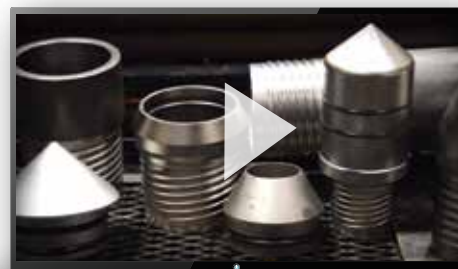
Components	Part	MN	Notes
	O-Ring (DT325 Liner Retainer)	600428	Quantity: 25
	O-Ring (DT325 Solid Drive Point)	202366	Quantity: 25
	DT325 Vinyl End Caps	600232	42 Pair
	Hydraulic Extruder Plunger	204499	DT325 / DT37
	Hydraulic Extruder Adapter	204681	DT325 / DT37
	Adjustable Center Rod Clamp	205182	1.25 in. Center Rod
	DT325 Liner Retainer Wrench	205299	
	Rod Wiper Donut	112826	3.75 in. (Weldment: 204387)

Lifting / Pulling

Components	Part	MN	Notes
	RG Handle Assembly	220413	3.75 in., GH60
	1.25 in. Leaf Puller	206239	
	3.75 in. Spring Assisted Swivel Lift Cap	234939	Box
	3.75 in. Swivel Lift Cap	220370	Box

3.75 in. Overview

geoprobe.com/3.75

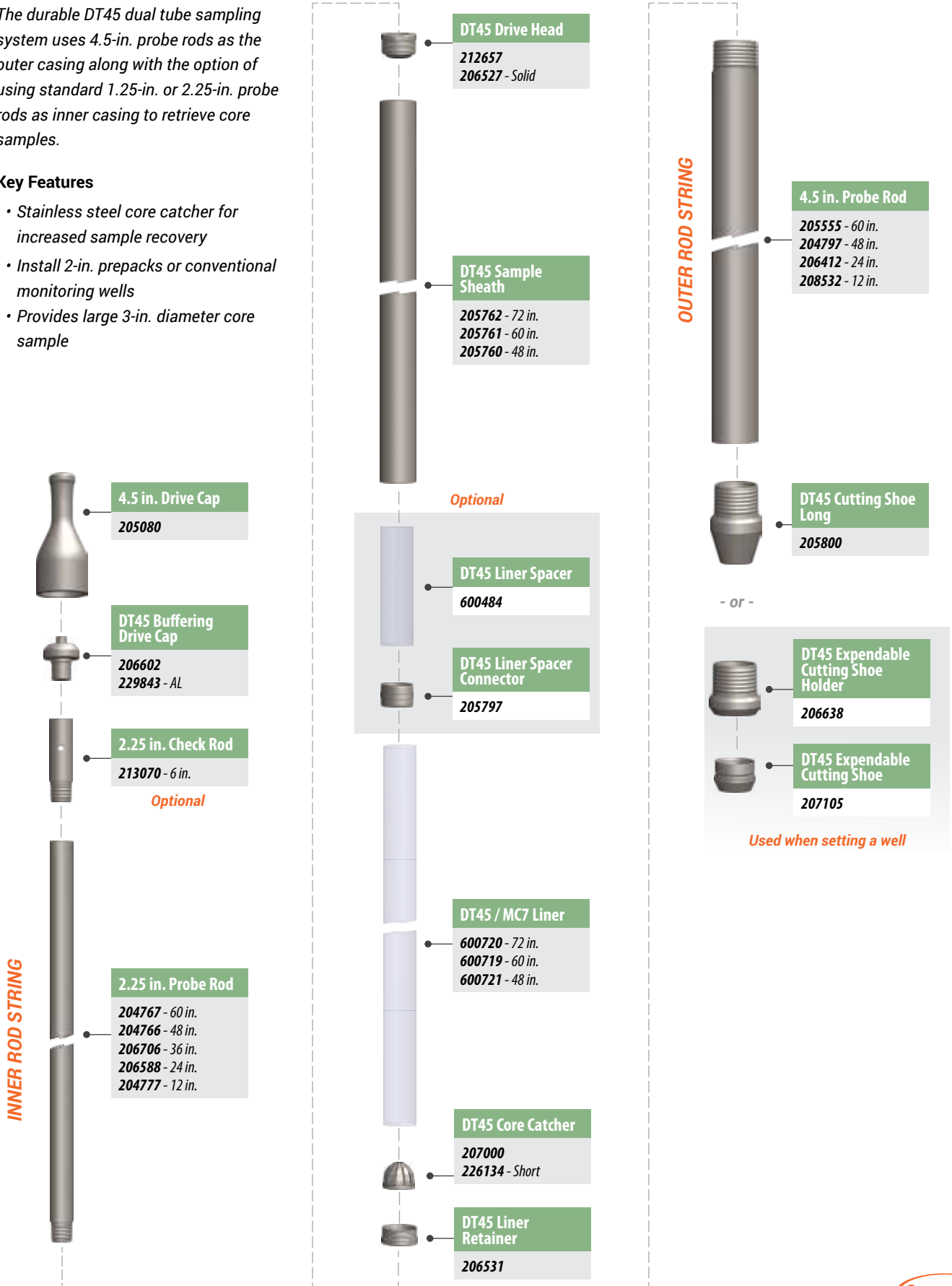


This video reviews the capabilities of Geoprobe® 3.75-in. tooling.




The durable DT45 dual tube sampling system uses 4.5-in. probe rods as the outer casing along with the option of using standard 1.25-in. or 2.25-in. probe rods as inner casing to retrieve core samples.

Key Features



- Stainless steel core catcher for increased sample recovery
- Install 2-in. prepacks or conventional monitoring wells
- Provides large 3-in. diameter core sample






Drive Caps

Components	Part	MN	Notes
	4.5 in. Drive Cap	205080	GH60, Threadless
	DT45 Buffering Drive Cap	206602	2.25 in. Pin
	DT45 AL Buffering Drive Cap	229843	2.25 in. Pin

Probe Rods

2.25 in. Probe Rod	MN	Length	Weight	OD	ID
	204767	60 in.	37.5 lbs.	2.25 in.	1.5 in.
	204766	48 in.	30 lbs.		
	206706	36 in.	22.5 lbs.		
	206588	24 in.	15 lbs.		
	204777	12 in.	7.5 lbs.		
	213070	6 in.	2.25 in. Check Rod (Nylon Ball: 101120, Spring Pin: 106971)		

Drive Heads

Components	Part	MN	Notes
	DT45 Drive Head (with Check Ball)	212657	
	1.25 in. Nylon Ball	101120	
	DT45 Solid Drive Head	206527	NEW


Sample Sheath

Components	Part	MN	Notes
	DT45 Sample Sheath	205762	72 in.
		205761	60 in.
		205760	48 in.




Liners & Accessories

Components	Part	MN	Notes
	DT45 Liner Spacer	600484	12 in.
Optional	DT45 Liner Spacer Connector	205797	
	DT45 / MC7 Liner	600720	72 in., PVC, Built to Order, Quantity: 18
	DT45 / MC7 Liner	600719	60 in., PVC, Quantity: 18
	DT45 / MC7 Liner	600721	48 in., PVC, Quantity: 18
	DT45/MC7 Liner Cutter	206987	
	DT45 Core Catcher	207000	
	DT45 Core Catcher	226134	Short
	DT45 Core Catcher Bypass Ring	210856	
	DT45 Liner Retainer	206531	



Probe Rods

4.5 in. Probe Rod	MN	Length	Weight	OD	ID
	205555	60 in.	82.5 lbs.	4.5 in.	3.75 in.
	204797	48 in.	66 lbs.		
	206412	24 in.	33 lbs.		
	208532	12 in.	16.5 lbs.		







Cutting Shoes

Components	Part	MN	Notes
	DT45 Cutting Shoe Long	205800	2.94 in. ID 5.0 in. OD
	DT45 Expendable Cutting Shoe Holder	206638	5.0 in. OD
	DT45 Expendable Cutting Shoe	207105	2.94 in. ID






Discrete Sampling Option

Components	Part	MN	Notes
	DT45 Centering Drive Cap	206538	2.25 in. Rods
	DT45 Discrete Point	206901	2.25 in. Rod

Accessories

Components	Part	MN	Notes
	O-Ring (4.5 in. Probe Rod)	104730	Quantity: 25
	DT45 / MC7 Vinyl End Caps	207439	18 Pair
	Hydraulic Extruder Plunger	206317	DT45 / MC7
	Hydraulic Extruder Adapter	206639	DT45 / MC7
	DT45 Retainer / MC7 Cutting Shoe Wrench	205773	
	Rod Wiper Donut	600448	4.5 in. (Weldment: 204387)

Lifting / Pulling

Components	Part	MN	Notes
	2.25 in. Leaf Puller	206643	Holds 2.125 or 2.25 rods
	2.25 in. Spring Assisted Swivel Lift Cap	217609	Pin
	4.5 in. Spring Assisted Swivel Lift Cap	234931	Box
	2.25 in. Swivel Lift Cap	207352	Pin
	4.5 in. Swivel Lift Cap	205690	Box

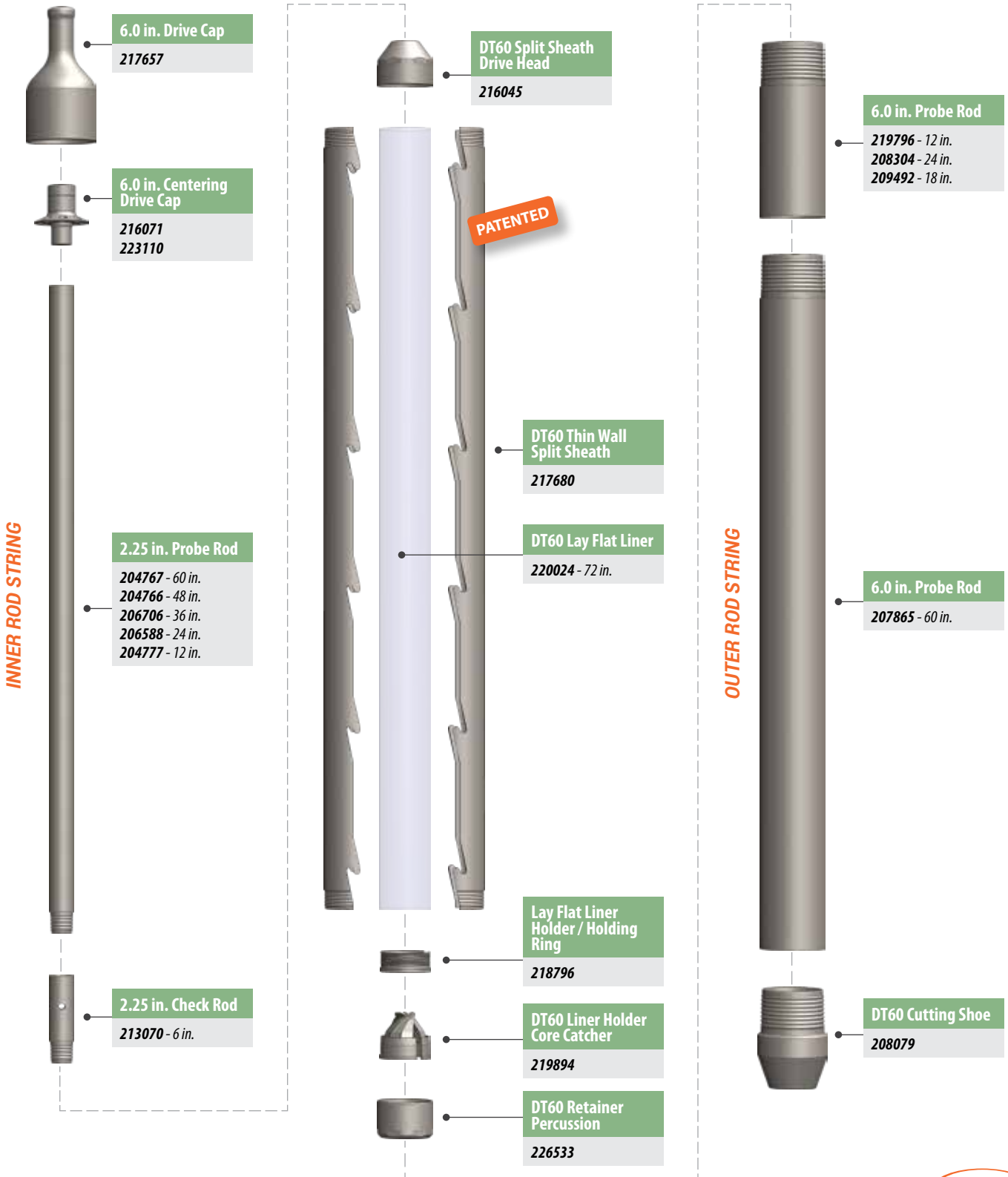
DT60 Soil Sampling System

geoprobe.com/dt60



785-825-1842

The DT60 dual tube sampling system utilizes 6-in. OD percussion driven casing and collects a 4-in. diameter soil sample using a patented split sheath which gives the user the option of not using a liner. DT60 system can also be used to install 2-in. monitoring wells without driving a second tool string. That means you can collect continuous soil cores and install a 2-in. prepack or conventional well within a 6-in. borehole with no expendable points or cutting shoes – all in one shot! Optional re-usable liner system for the DT60 decreases consumable liner costs and shipping with 100 feet of liners coming in a box not much bigger than a microwave.



Drive Caps

Components	Part	MN	Notes
	6.0 in. Drive Cap	217657	GH80
	DT60 Percussion Centering Drive Cap	216071	2.25 in. Rods
	6.0 in. Centering Drive Cap	223110	2.25 in. Pin

Probe Rods

2.25 in. Probe Rod	MN	Length	Weight	OD	ID
	204767	60 in.	37.5 lbs.	2.25 in.	1.5 in.
	204766	48 in.	30 lbs.		
	206588	24 in.	15 lbs.		
	204777	12 in.	7.5 lbs.		
	213070	6 in.	2.25 in. Check Rod (Nylon Ball: 101120, Spring Pin: 106971)		

Drive Heads

Components	Part	MN	Notes
	DT60 Split Sheath Drive Head	216045	2.25 in. Box

Sample Sheath

Components	Part	MN	Notes
	DT60 Thin Wall Split Sheath	217680	72 in.

Liners & Accessories

Components	Part	MN	Notes
	DT60 Lay Flat Liner	220024	72 in., HDPE Quantity: 20
	Lay Flat Liner Holder / Holding Ring	218796	
	DT60 Liner Holder Core Catcher	219894	
	DT60 Retainer Percussion	226533	

Probe Rods

6.0 in. Probe Rod	MN	Length	Weight	OD	ID
	207865	60 in.	112.5 lbs.	6 in.	5.25 in.
	208304	24 in.	45 lbs.		
	209492	18 in.	33.75 lbs.		
	219796	12 in.	22.5 lbs.		

Cutting Shoes

Components	Part	MN	Notes
	DT60 Cutting Shoe	208079	3.975 in. ID

Discrete Sampling Option

Components	Part	MN	Notes
	DT60 Discrete Point	224688	2.25 in. Box, 3.975 in. OD, O-Ring: 101467

Optional Sheath Configuration

Components	Part	MN	Notes
	DT60 Drive Head	211281	2.25 in. Box
	DT60 Sample Sheath	215043	72 in.
	DT60 Sample Sheath	215042	60 in.
	DT60 Core Catcher	215016	

Accessories

Components	Part	MN	Notes
	O-Ring (DT60 Discrete Point)	101467	Goes with 224688
	O-Ring	103191	
	DT60 Wrench	208080	
	1.25 in. Nylon Ball	101120	Check Ball for DT60 Drive Head
	Rod Wiper Donut	600624	6.0 in. OD (Weldment: 204387)

Lifting / Pulling

Components	Part	MN	Notes
	2.25 in. Spring Assisted Swivel Lift Cap	217609	Pin
	2.25 in. Swivel Lift Cap	207352	Pin
	6.0 in. Swivel Lift Cap	208272	Box

DT60 Overview

geoprobe.com/dt60



Watch the overview video to see how the DT60 system performs in the field.

Split tube soil sampling system manufactured under U.S. Patent 9,551,188

3

Geotechnical Tooling

geoprobe.com/geotech



Spring Assisted Swivel Lift Cap

Sampling soil shouldn't require twisting, banging, or squeezing tools in a vice or cause burning forearms and wrists. Interlocking split spoons simplify and speed sampling with their finger-like shaft alignment. Spring assisted swivel lift caps do the heavy lifting by carrying the weight of the rod string while self-aligning tool strings for easier assembly.

What's New

- 3-inch Interlocking Split Spoon
- AWJ Drill Rods – Geoprobe® Manufactured
- Improved Spring Assisted Swivel Lift Caps
- Stronger SPT cutting shoes and cutting shoe options



Geoprobe® AWJ Drill Rod



AWJ Drill Rods

geoprobe.com/awj



Spring Assisted Swivel Lift Caps

geoprobe.com/lift-cap

Components	Part	MN	Notes
	AWJ Drill Rod	236534	60 in.
		238501	24 in.
		238499	12 in.
	AWJ / AW Rod Leaf Puller	206875	

Components	Part	MN	Notes
	AWJ Spring Assisted Swivel Lift Cap	231440	AWJ, Pin
	NWJ Spring Assisted Swivel Lift Cap	230334	NWJ, Pin

VIDEO

See how the Geoprobe® Interlocking Split Spoon makes assembly and disassembly quick and easy.



Interlocking Split Spoon Overview

geoprobe.com/split-spoon

Split tube soil sampling system manufactured under U.S. Patent 9,551,188

2.0 Interlocking Split Spoon Sampler & Accessories

Components	Part	MN	Notes
	2.0 Interlocking Split Spoon Sampler	227248	AWJ
		231229	AW
		229671	NWJ
	2.0 Interlocking Split Spoon Drive Head	227133	AWJ
		227129	AW
		229659	NWJ
	2.0 Interlocking Split Spoon Cutting Shoe	225524	
		236717 NEW	Blunt Nose (Does not meet ASTM standard)
	2.0 Interlocking Split Spoon Basket	113340	
	2.0 Interlocking Split Spoon Basket Bypass Ring NEW	239568	
	2.0 Interlocking Split Spoon Coupler	230184	

3.0 Interlocking Split Spoon Sampler & Accessories

Components	Part	MN	Notes
	3.0 Interlocking Split Spoon Sampler NEW	232903	AWJ
		232902	NWJ
	3.0 Interlocking Split Spoon Drive Head NEW	232880	AWJ
		232879	NWJ
	3.0 Interlocking Split Spoon Cutting Shoe NEW	232766	
	3.0 Interlocking Split Spoon Basket NEW	115331	
	3.0 Interlocking Split Spoon Coupler NEW	233538	

Split tube soil sampling system manufactured under U.S. Patent 9,551,188

Geotechnical Adapters



Pin x Pin

Components	Part	MN	Notes
	1.25 Pin x AW Pin	213761	1.55 in. S-S
	AW Pin x 1.5 Pin	203052	1.00 in. S-S
	AWJ Pin x 1.5 Pin	203192	1.63 in. S-S
	AWJ Pin x 2.25 Pin	207506	1.50 in. S-S
	NWJ Pin x 2.25 Pin	208863	3.50 in. S-S

Box x Box (Mud Rotary Bit Subs)

Components	Part	MN	Notes
	N4 Box x AWJ Box NEW	235894	6.00 in. S-S
	N4 Box x NWJ Box NEW	235895	6.00 in. S-S
	2-3/8 REG Box x AWJ Box	231234	8.00 in. S-S
	2-3/8 REG Box x NWJ Box NEW	239730	8.00 in. S-S

Box x Box (HSA Bit Subs)

Components	Part	MN	Notes
	2.25 HSA Pilot Bit Sub A x AWJ NEW	237667	6.00 in. S-S
	3.25 HSA Pilot Bit Sub N4 x AWJ NEW	238314	7.00 in. S-S
	4.25 HSA Pilot Bit Sub 2-3/8 REG x AWJ NEW	238316	7.00 in. S-S

Box x Box (Other)

Components	Part	MN	Notes
	1.5 Box x AWJ Box	209845	4.50 in. S-S
	AWJ Box x 2.25 Box NEW	231063	5.25 in. S-S
	NWJ Box x 2.25 Box	208864	8.00 in. S-S

Box x Pin

Components	Part	MN	Notes
	1.5 Box x AWJ Pin	203191	1.88 in. S-S
	2.25 Box x AWJ Pin	210906	3.50 in. S-S
	2.25 Box x NWJ Pin	210902	5.50 in. S-S
	AWJ Box x 1.25-7 UNC Pin NEW	115276	4.75 in. S-S
	NWJ Box x 1.25-7 UNC Pin NEW	224767	5.75 in. S-S
	NWJ Box x AWJ Pin	600692	4.25 in. S-S
	NWJ Box x NWL Pin NEW	110117	4.50 in. S-S
	NWL Box x NWJ Pin NEW	112006	4.00 in. S-S
	NWJ Pin x NWJ Box	218845	5.50 in. S-S

S-S (Shoulder to Shoulder)

4

Geotechnical Sampling

geoprobe.com/geotech-sampling

Guided by feedback from the field and focused on making your job easier, we continually develop and test new and innovative products and techniques – from standard penetration testing, and beyond. If you're seeking a competitive advantage, integrating some direct push methods such as out-the-end sampling into long-standing geotechnical practices can save you significant time on jobs.

What's New

- DT325 Driven Casing SPT (OTE)
- Geoprobe® manufactured AWJ drill rod
- 3126GT & 3145GT geotechnical drill rigs
- 7-in. breakout storage rack weldment



7-in. Breakout
Storage Rack
Weldment



3145GT
Geotechnical Drill Rig



3126GT
Geotechnical Drill Rig



Split Spoon Sample



Interlocking Split Spoon Sampler

Fast and durable patented Interlocking Split Spoon Sampler saves time and money. New: 3-in. option available.

geoprobe.com/split-spoon

ADAPTABLE

Variety of drive heads available (AWJ, AW, NWJ)

2X THE STRENGTH & DURABILITY

Enhanced material properties result in greater longevity

STRONGER

The patented interlocking design strengthens the entire sheath

ELIMINATES BULGING/BOWING

Sheath stays aligned during advancement

ASTM STANDARD

Design meets ASTM Standard D1586 (2-in. size)

PATENTED

Split tube soil sampling system manufactured under U.S. Patent 9,551,188



Spring Assisted Swivel Lift Cap

Designed to reduce operator fatigue when adding or removing sections of rods to the tool string.

geoprobe.com/lift-cap



- | | |
|---------------------------------|--------------------------------|
| 2.25 (Box)
MN: 226053 | 4.5 (Box)
MN: 234931 |
| 2.25 (Pin)
MN: 217609 | NWJ (Pin)
MN: 230334 |
| 3.25 (Box)
MN: 235367 | AWJ (Pin)
MN: 231440 |
| 3.75 (Box)
MN: 234939 | |

geoprobe.com/lift-cap



See how the Spring Assisted Swivel Lift Cap helps operators in the field.

DT325 Driven Casing SPT (OTE)

geoprobe.com/325ote



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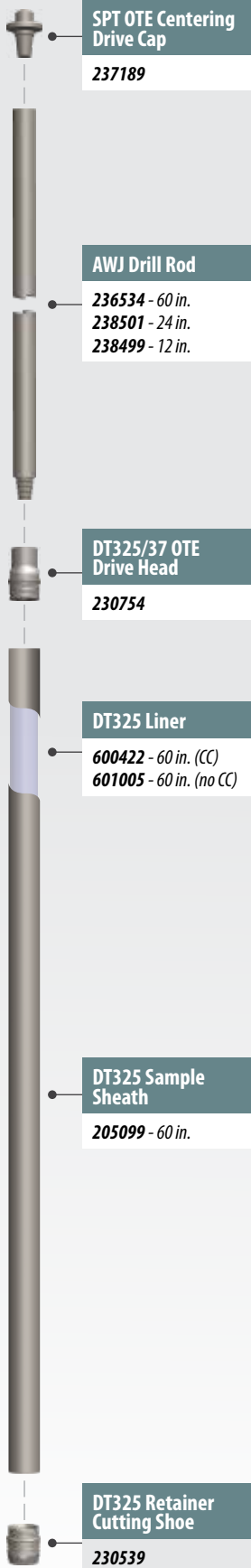
SPT sampling can be conducted out-the-end of the DT325 sampling system.

Key Features

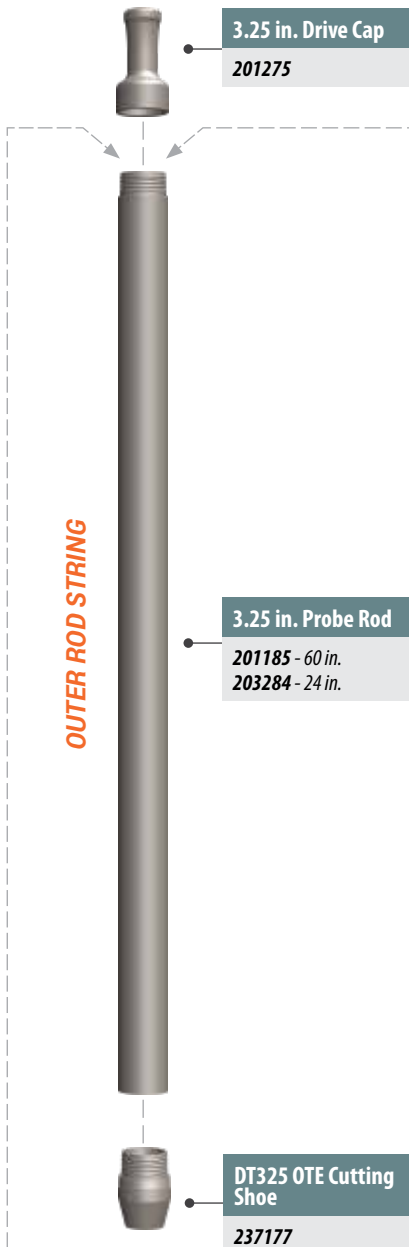
- lightweight
- fast
- provides a continuous sample
- does not require drilling fluid
- no soil compaction



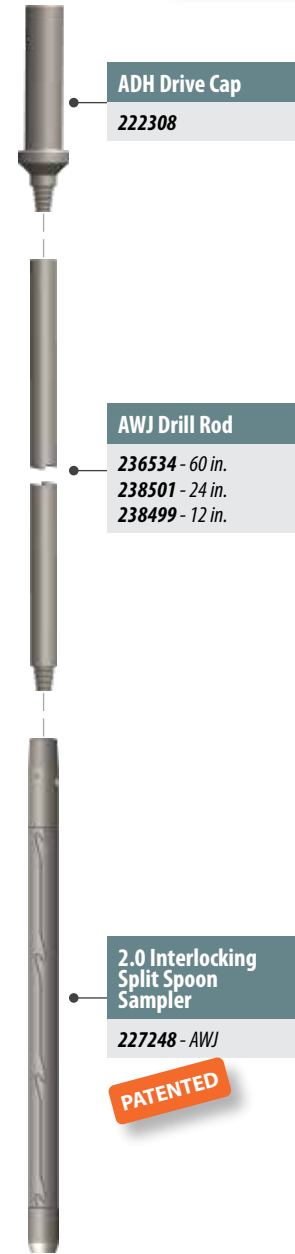
SOIL SAMPLING OPTION



OUTER ROD STRING




SPT SAMPLING



Split tube soil sampling system manufactured under U.S. Patent 9,551,188

Outer Rod String







Components	Part	MN	Notes
	3.25 in. Drive Cap	201275	GH60, Threadless
	DT325 OTE Cutting Shoe NEW	237177	2.38 in. ID, 3.45 in. OD

3.25 in. Probe Rod	MN	Length	Weight	OD	ID
	201185	60 in.	49 lbs.	3.25 in.	2.625 in.
	203284	24 in.	19.6 lbs.		








AWJ Drill Rods

Components	Part	MN	Notes
	AWJ Drill Rod NEW	236534	60 in.
		238501	24 in.
		238499	12 in.

SPT Sampling

Components	Part	MN	Notes
	ADH Drive Cap	222308	AWJ, Pin Down, Threaded
	2.0 Interlocking Split Spoon Sampler	227248	AWJ
	2.0 Interlocking Split Spoon Basket	113340	
	2.0 Interlocking Split Spoon Basket Bypass Ring NEW	239568	
	2.0 Interlocking Split Spoon Cutting Shoe	225524	
	2.0 Interlocking Split Spoon Cutting Shoe NEW	236717	Blunt Nose (Does not meet ASTM standard)




Soil Sampling Option

Components	Part	MN	Notes
	SPT OTE Centering Drive Cap NEW	237189	For use inside 3.25 in. Probe Rods
	DT325/37 OTE Drive Head	230754	AWJ Box
	DT325 Sample Sheath	205099	60 in.
	DT325 Liner (Core Catcher)	600422	60 in., PVC Quantity: 42
	DT325 Liner (No Core Catcher)	601005	60 in., PVC Quantity: 42
	DT325 Liner Cutter	205017	
	DT325 Retainer Cutting Shoe	230539	



Discrete Sampling Option

Components	Part	MN	Notes
	DT325/37 OTE Discrete Point	231156	AWJ Box

Accessories

Components	Part	MN	Notes
	DT325 Liner Retainer Wrench	205299	
	Rod Wiper Donut	600418	3.25 in. (Weldment: 204387)
	Rod Wiper Weldment	204387	

Lifting / Pulling

Components	Part	MN	Notes
	RG Handle Assembly	201277	3.25 in., GH60
	3.25 in. Spring Assisted Swivel Lift Cap NEW	235367	Box
	AWJ Spring Assisted Swivel Lift Cap	231440	AWJ, Pin

3.25 Driven Casing

geoprobe.com/ote



Watch how the
DT325 Driven
Casing SPT system
can be used for
geotech work.

DT37 Driven Casing SPT (OTE)

geoprobe.com/37ote

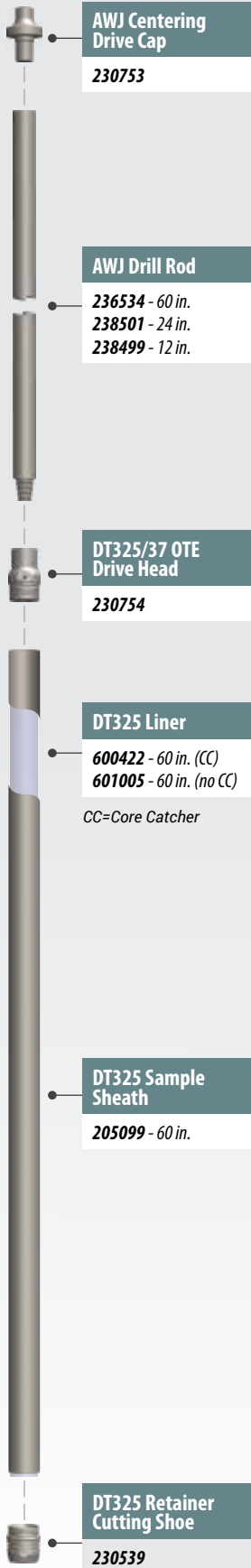


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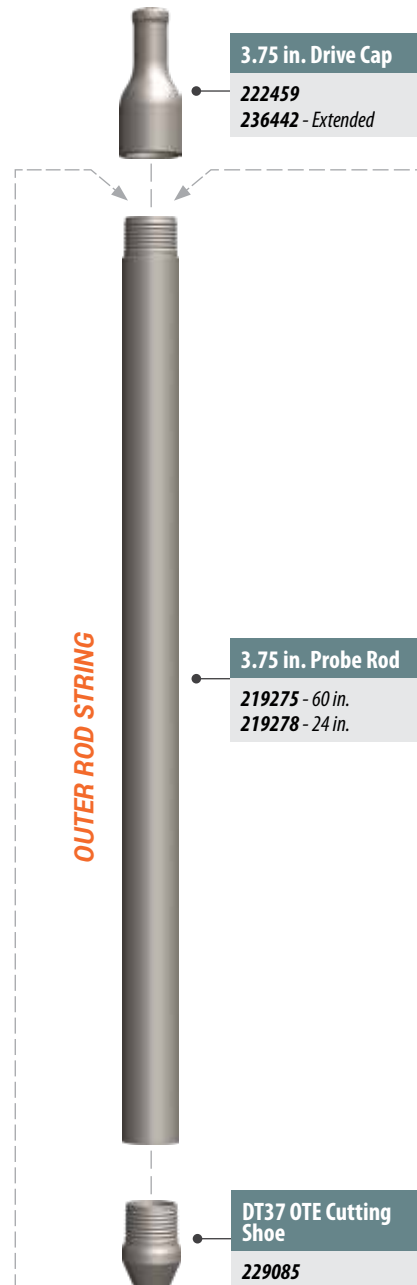


Customers describe out-the-end SPT sampling as more efficient than drive-and-wash in the right soil conditions, amplifying the amount they can accomplish in a day. Retrieving continuous samples in greater depths impresses engineers. This waterless SPT sampling can save you time and boost your profits.

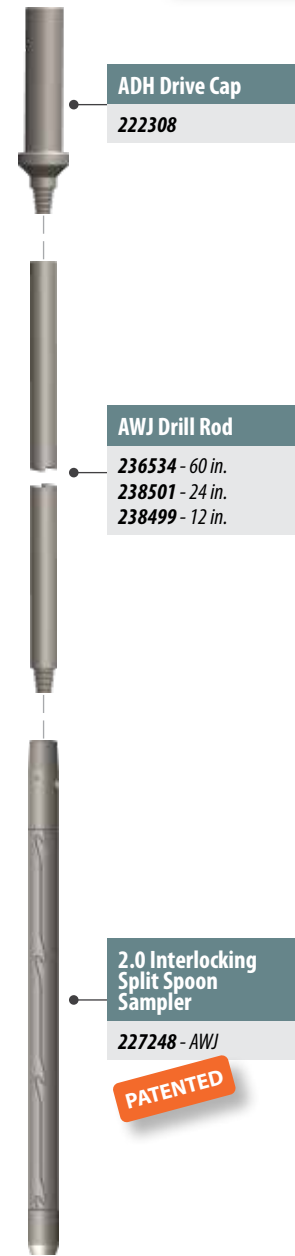
SOIL SAMPLING OPTION



OUTER ROD STRING



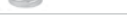



SPT SAMPLING



Split tube soil sampling system manufactured under U.S. Patent 9,551,188

Outer Rod String







Components	Part	MN	Notes
	3.75 in. Drive Cap	222459	GH60, Threadless
	3.75 in. Drive Cap	236442	GH60, 70, 80, Threadless, Extended
	DT37 OTE Cutting Shoe	229085	2.38 in. ID, 3.90 in. OD

3.75 in. Probe Rod	MN	Length	Weight	OD	ID
	219275	60 in.	67.5 lbs.	3.75 in.	3 in.
	219278	24 in.	27 lbs.		








AWJ Drill Rods

Components	Part	MN	Notes
	AWJ Drill Rod	NEW 236534	60 in.
		238501	24 in.
		238499	12 in.

SPT Sampling

Components	Part	MN	Notes
	ADH Drive Cap	222308	AWJ, Pin Down, Threaded
	2.0 Interlocking Split Spoon Sampler	227248	AWJ
	2.0 Interlocking Split Spoon Basket	113340	
	2.0 Interlocking Split Spoon Basket Bypass Ring	NEW 239568	
	2.0 Interlocking Split Spoon Cutting Shoe	225524	
	2.0 Interlocking Split Spoon Cutting Shoe	NEW 236717	Blunt Nose (Does not meet ASTM standard)





Soil Sampling Option

Components	Part	MN	Notes
	AWJ Centering Drive Cap	230753	For use inside 3.75 in. Probe Rods
	DT325/37 OTE Drive Head	230754	AWJ Box
	DT325 Sample Sheath	205099	60 in.
	DT325 Liner (Core Catcher)	600422	60 in., PVC Quantity: 42
	DT325 Liner (No Core Catcher)	601005	60 in., PVC Quantity: 42
	DT325 Liner Cutter	205017	
	DT325 Retainer Cutting Shoe	230539	




Discrete Sampling Option

Components	Part	MN	Notes
	DT325/37 OTE Discrete Point	231156	AWJ Box

Accessories

Components	Part	MN	Notes
	DT325 Liner Retainer Wrench	205299	
	Rod Wiper Donut	112826	3.75 in.
	Rod Wiper Weldment	204387	
	O-Ring	106093	

Lifting / Pulling

Components	Part	MN	Notes
	RG Handle Assembly	220413	3.75 in., GH60
	3.75 in. Spring Assisted Swivel Lift Cap	NEW 234939	Box
	AWJ Spring Assisted Swivel Lift Cap	231440	AWJ, Pin

31 Series Overview

geoprobe.com/31series



See how the Geoprobe® 31 Series rigs make drilling faster, easier, and safer.

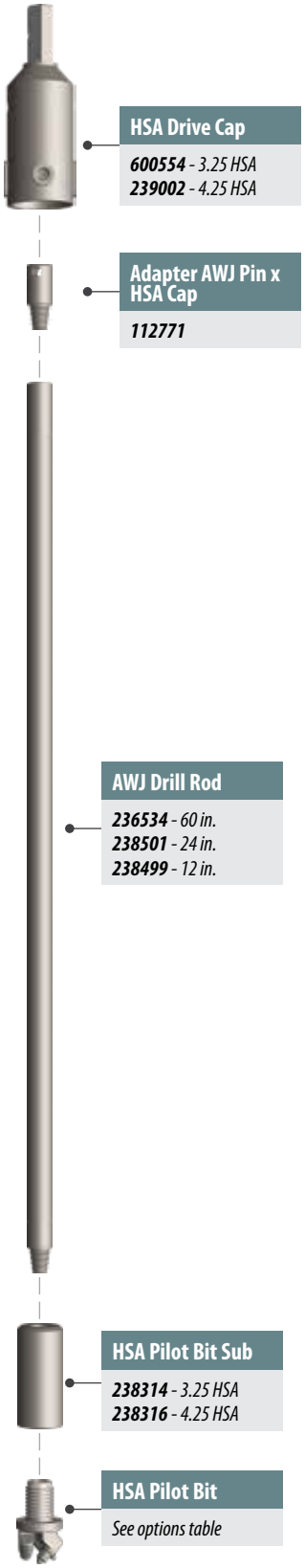
SPT Sampling (3.25 & 4.25 HSA)

geoprobe.com/hsa

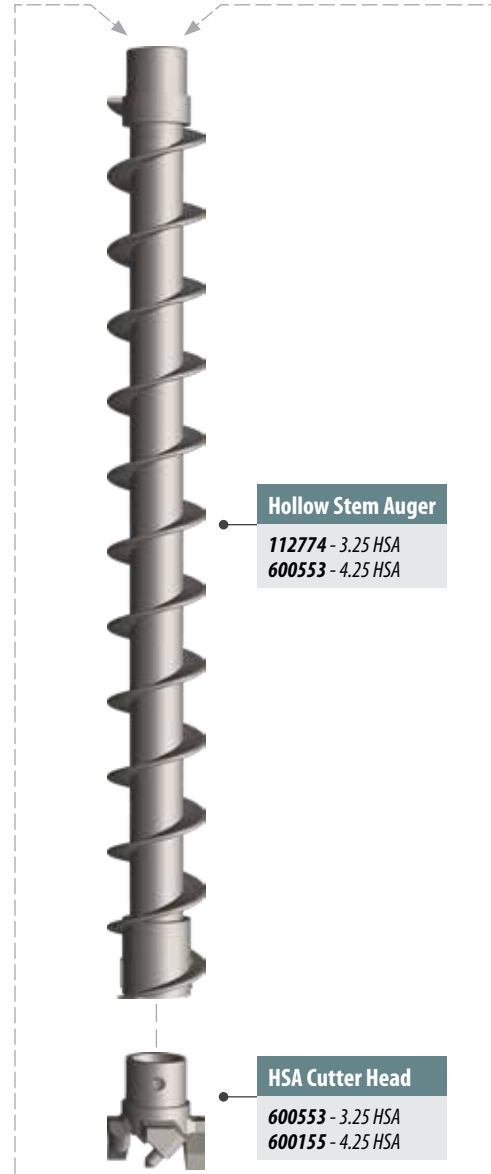


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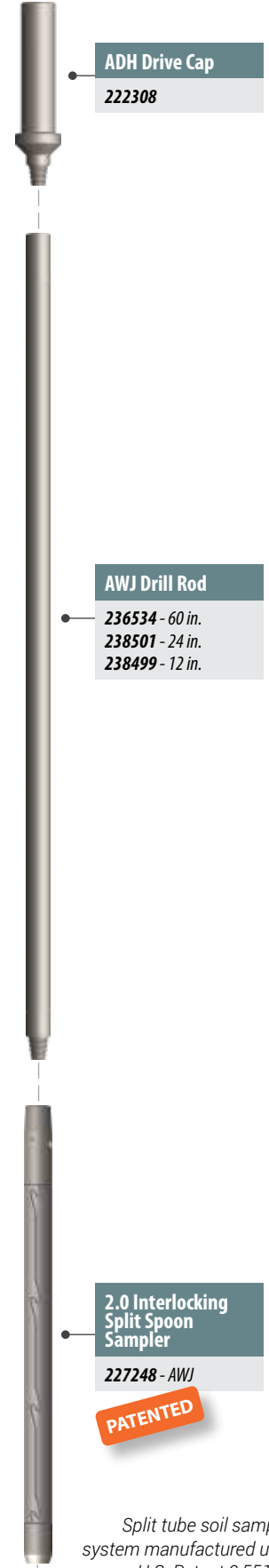
INNER PILOT BIT ASSEMBLY



Drilling tools such as hollow stem augers are turned to the desired depth with a pilot bit blocking the off the auger ID. The pilot bit is pulled and a split barrel sampler (split spoon) is lowered. The drop hammer is then placed on top of the rod string and the number of blows to advance the sampler is counted. The pilot bit can then be placed back in the augers and the auger string advanced to the next testing depth.



SPT SAMPLING




PATENTED


Split tube soil sampling system manufactured under U.S. Patent 9,551,188

SPT SAMPLING (3.25 HSA)


Hollow Stem Augers

Components	Part	MN	Notes
	3.25 in. Hollow Stem Auger	112774	60 in.
	3.25 in. HSA Cutter Head	600553	7.5 in. OD, Spade / Bullet

Inner Pilot Bit Assembly

Components	Part	MN	Notes
	3.25 in. HSA Drive Cap	600554	1-5/8 Hex Drive
	Adapter AWJ Pin x HSA Cap	112771	
	3.25 HSA Pilot Bit Sub N4 x AWJ NEW	238314	7.00 in. S-S
	3.25 in. HSA Pilot Bit	113083	Bullet N4 Pin
	3.25 in. HSA Pilot Bit	600635	Drag N4 Pin
	HHCS 3/4-10NC x 5.5 GR5 ZN	102003	
	Nut Hex	101227	3/4-10NC GR5 ZN

Auger Accessories


Components	Part	MN	Notes
	3.25 in. Auger Puller	226279	Legacy GH60, 6712DT, 7822DT, 6011DT
	3.25 in. Auger Fork	600636	
	3.25 in. HSA Plastic Plug	600740	
	3.25 in. HSA Hoisting Cap NEW	235914	

SPT SAMPLING (4.25 HSA)


Hollow Stem Augers

Components	Part	MN	Notes
	4.25 in. Hollow Stem Auger	600154	60 in.
	4.25 in. HSA Cutter Head	600155	8.75 in. OD Spade / Bullet

Inner Pilot Bit Assembly

Components	Part	MN	Notes
	4.25 in. HSA Drive Cap	239002	1-5/8 Hex Drive
	Adapter AWJ Pin x HSA Cap	112771	
	4.25 HSA Pilot Bit Sub 2-3/8 REG x AWJ NEW	238316	7.00 in. S-S
	4.25 in. HSA Pilot Bit NEW	600672	Bullet 3.38 Reg Pin
	4.25 in. HSA Pilot Bit	600156	Apex 3.38 Reg Pin
	HHCS 3/4-10NC x 6.5 GR5 BLK	100194	
	Nut Hex	101227	3/4-10NC GR5 ZN

Auger Accessories


Components	Part	MN	Notes
	4.25 in. HSA Side Grip Puller	202187	Legacy GH60, 6712DT, 7822DT, 6011DT
	4.25 in. Auger Fork	202081	
	4.25 in. HSA Wooden Plug	202104	
	4.25 in. HSA Hoisting Cap NEW	235915	

COMBINED COMPONENTS


AWJ Drill Rods

Components	Part	MN	Notes
	AWJ Drill Rod NEW	236534	60 in.
		238501	24 in.
		238499	12 in.

SPT Sampling

Components	Part	MN	Notes
	ADH Drive Cap	222308	AWJ, Pin Down, Threaded
	2.0 Interlocking Split Spoon Sampler	227248	AWJ
	2.0 Interlocking Split Spoon Basket	113340	
	2.0 Interlocking Split Spoon Basket Bypass Ring NEW	239568	
	2.0 Interlocking Split Spoon Cutting Shoe	225524	
	2.0 Interlocking Split Spoon Cutting Shoe NEW	236717	Blunt Nose (Does not meet ASTM standard)

Combined Accessories

Components	Part	MN	Notes
	Drive Pin	600616	.625 Diameter, 2.875 Tube
	HSA Replacement Lock Bolt	600157	
	AWJ Spring Assisted Swivel Lift Cap	231440	AWJ, Pin

S-S (Shoulder to Shoulder)

SPT through 3.25 HSA
geoprobe.com/325-hsa



This timelapse shows how quickly the Geoprobe® 3100GT takes SPT samples through 3.25 HSA.

SPT Sampling (Solid Auger)

geoprobe.com/solid-auger



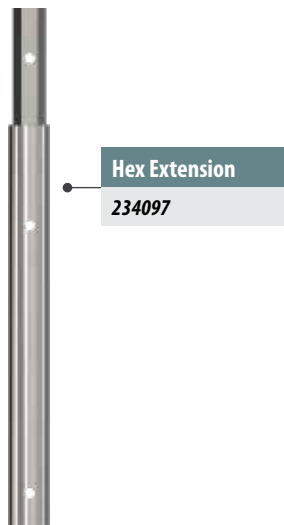
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Solid augers are advantageous for creating open bore holes in stable, non-collapsing soil.

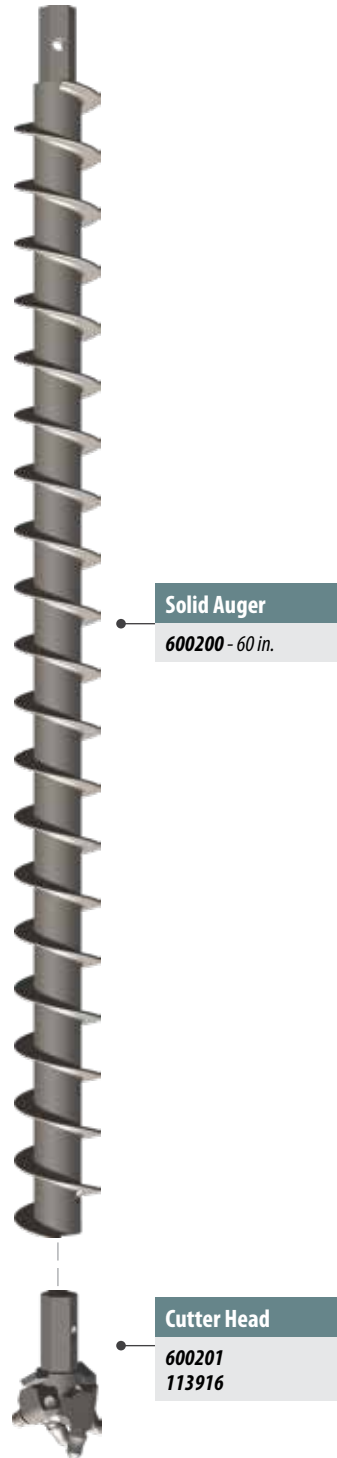
Key Features

- does not require circulation fluids for easier site cleanup
- creates a nice, open bore hole in stable soils
- facilitates other sampling tasks such as split spoon sampling

EXTENSION



SOLID AUGER






SPT SAMPLING



Split tube soil sampling system manufactured under U.S. Patent 9,551,188







Solid Augers & Cutters

Components	Part	MN	Notes
	Solid Auger	600200	4.5 in. OD x 60 in. x 1.625 in. Hex
	Solid Auger Cutter Head	600201	4.5 in. OD x 1.625 in. Hex Bullet
	Cutter Head 5T	113916	4.5 in. OD, 1.625 in. Hex






AWJ Drill Rods

Components	Part	MN	Notes
	AWJ Drill Rod	236534	60 in.
		238501	24 in.
		238499	12 in.



SPT Sampling

Components	Part	MN	Notes
	ADH Drive Cap	222308	AWJ, Pin Down, Threaded
	2.0 Interlocking Split Spoon Sampler	227248	AWJ
	2.0 Interlocking Split Spoon Basket	113340	
	2.0 Interlocking Split Spoon Basket Bypass Ring NEW	239568	
	2.0 Interlocking Split Spoon Cutting Shoe	225524	
	2.0 Interlocking Split Spoon Cutting Shoe NEW	236717	Blunt Nose (Does not meet ASTM standard)

Accessories

Components	Part	MN	Notes
	Adjustable Center Rod Clamp	205182	1.25 in. Center Rod
	Drive Pin	600616	.625 Diameter, 2.875 Tube
	Drive Pin	113917	2.375 in. Tube
	Hex Extension NEW	234097	12 in.
	2.25 in. HSA Auger Fork	203798	

Lifting / Pulling

Components	Part	MN	Notes
	Hex Lift Cap	230140	1.63 in. Hex
	AWJ Spring Assisted Swivel Lift Cap	231440	AWJ, Pin

behind the **design**



VIDEO

geoprobe.com/why

Split tube soil sampling system manufactured under U.S. Patent 9,551,188



Interlocking Split Spoon Sampler
geoprobe.com/split-spoon



FASTER IN THE FIELD

The interlocking design **self-aligns** during assembly

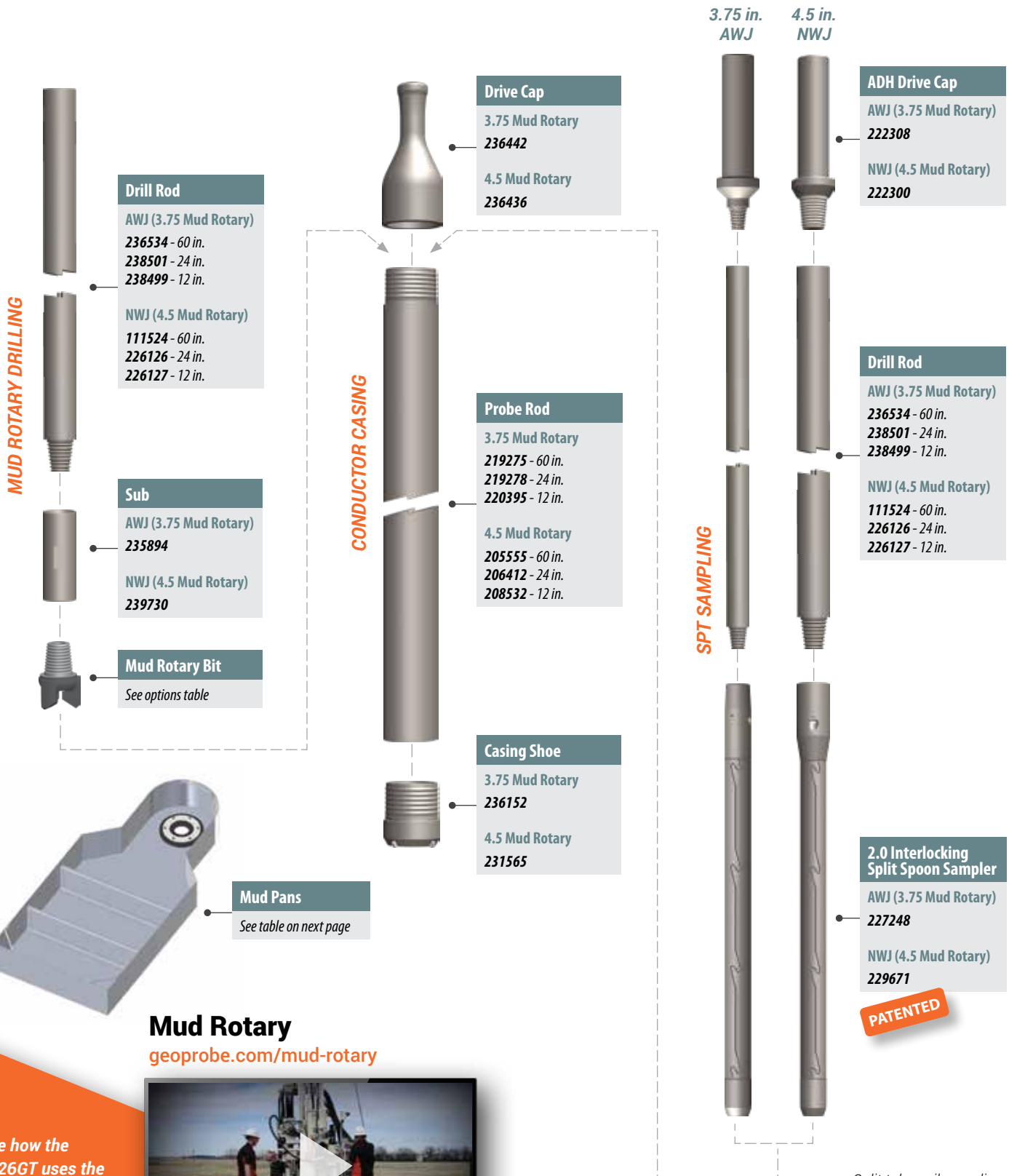
OPERATOR-FRIENDLY

Multi-lead threads = **fewer turns** to put together and take apart

SPT Sampling (3.75 & 4.5 Mud Rotary)

geoprobe.com/mud-rotary

Effective in sand, silts, clay, gravel, cobbles, and boulders, mud rotary sampling is also used when coring bedrock since it is not hindered by the presence of groundwater.



Mud Rotary

geoprobe.com/mud-rotary





See how the 3126GT uses the head side-shift to make mud rotary easy in the field.

Split tube soil sampling system manufactured under U.S. Patent 9,551,188



PATENTED

SPT SAMPLING (3.75 MUD ROTARY) AWJ

Conductor Casing

Components	Part	MN	Notes		
	3.75 in. Drive Cap <i>NEW</i>	236442	GH60, 70, 80, Threadless, Extended		
	3.75 in. Casing Shoe <i>NEW</i>	236152	3.0 in. ID		
3.75 in. Probe Rod	MN	Length	Weight	OD	ID
	219275	60 in.	67.5 lbs.	3.75 in.	3 in.
	219278	24 in.	27 lbs.		
	220395	12 in.	13.5 lbs.		


Mud Rotary Drilling

Components	Part	MN	Notes
	AWJ Drill Rod <i>NEW</i>	236534	60 in.
		238501	24 in.
		238499	12 in.
	N4 Box x AWJ Box <i>NEW</i>	235894	6.00 in. S-S
	Mud Rotary Bit (Side Discharge) <i>NEW</i>	118032	Drag 2.88 in. OD N4 Pin
	Mud Rotary Bit <i>NEW</i>	117470	Drag 2.88 in. OD N4 Pin
	Mud Rotary Bit <i>NEW</i>	117472	Roller 2.88 in. OD N4 Pin

SPT Sampling



Components	Part	MN	Notes
	ADH Drive Cap	222308	AWJ, Pin Down, Threaded
	2.0 Interlocking Split Spoon Sampler	227248	AWJ

Accessories



Components	Part	MN	Notes
	Rod Wiper Donut	112826	3.75 in.
	Rod Wiper Weldment	204387	
	3.75 in. Spring Assisted Swivel Lift Cap <i>NEW</i>	234939	Box
	AWJ Spring Assisted Swivel Lift Cap	231440	AWJ, Pin
	RG Handle Assembly	220413	3.75 in., GH60

SPT SAMPLING (4.5 MUD ROTARY) NWJ

Conductor Casing

Components	Part	MN	Notes		
	4.5 in. Drive Cap <i>NEW</i>	236436	GH60, Threadless, Extended		
	4.5 in. Casing Shoe	231565	3.75 in. ID		
4.5 in. Probe Rod	MN	Length	Weight	OD	ID
	205555	60 in.	82.5 lbs.	4.5 in.	3.75 in.
	206412	24 in.	33 lbs.		
	208532	12 in.	16.5 lbs.		


Mud Rotary Drilling

Components	Part	MN	Notes
	NWJ Drill Rod	111524	60 in.
		226126	24 in.
		226127	12 in.
	2-3/8 REG Box x NWJ Box <i>NEW</i>	239730	8.00 in. S-S
	Mud Rotary Bit (Side Discharge) <i>NEW</i>	118033	Drag 3.63 in. OD 2.375 in. Reg
	Mud Rotary Bit <i>NEW</i>	117469	Drag 3.63 in. OD 2.375 in. Reg Pin
	Mud Rotary Bit <i>NEW</i>	117471	Roller 3.63 in. OD 2.375 Reg Pin


SPT Sampling


Components	Part	MN	Notes
	ADH Drive Cap	222300	NWJ, Pin Down, Threaded
	2.0 Interlocking Split Spoon Sampler	229671	NWJ

Accessories

Components	Part	MN	Notes
	Rod Wiper Donut	600448	4.5 in. (Weldment: 204387)
	RG Handle Assembly	206433	4.5 in., GH60 Series
	4.5 in. Spring Assisted Swivel Lift Cap <i>NEW</i>	234931	Box
	NWJ Spring Assisted Swivel Lift Cap	230334	NWJ, Pin

COMBINED COMPONENTS

Components	Part	MN	Notes
	2.0 Interlocking Split Spoon Basket	113340	
	2.0 Interlocking Split Spoon Basket Bypass Ring <i>NEW</i>	239568	
	2.0 Interlocking Split Spoon Cutting Shoe	225524	
	2.0 Interlocking Split Spoon Cutting Shoe <i>NEW</i>	236717	Blunt Nose (Does not meet ASTM standard)

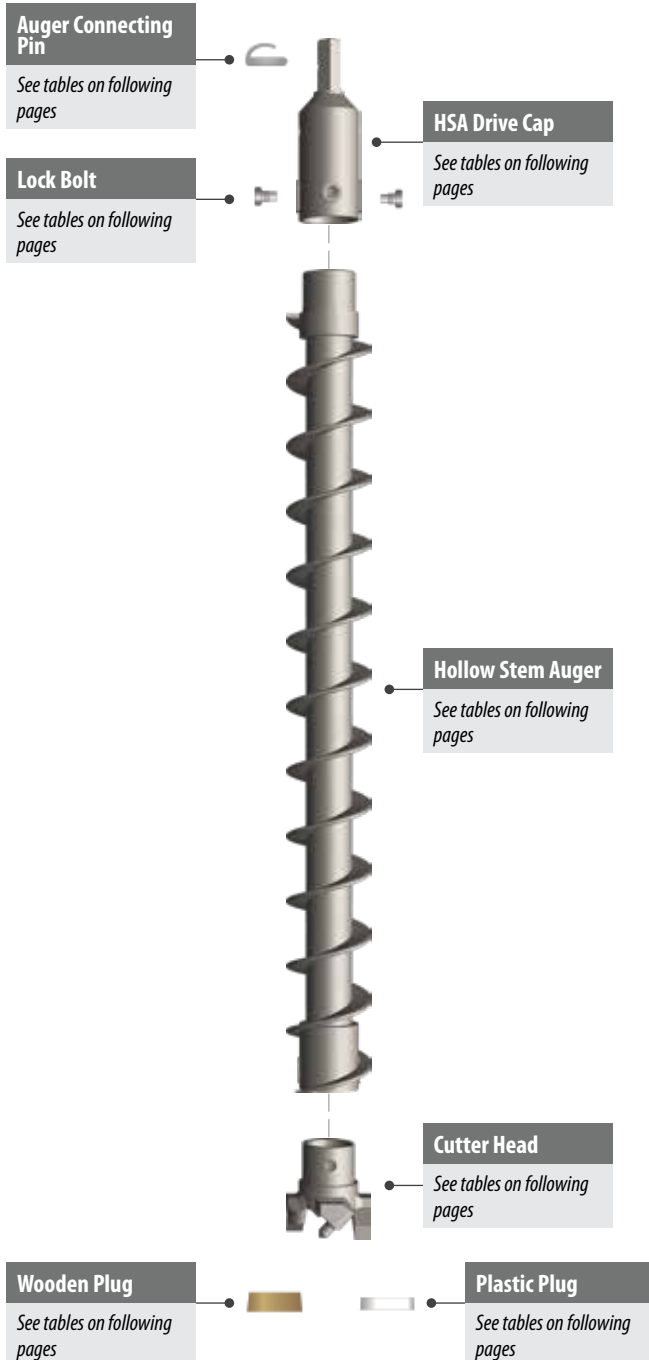
Components	Part	MN	Notes
	Thread Compound	600729	1 Gallon
	Mud Pan <i>NEW</i>	234972	100 gallons, aluminum
	Mud Pan	217038	100 gallons, aluminum

S-S (Shoulder to Shoulder)

5

Hollow Stem Augers & Frost Augers

geoprobe.com/augers



Hollow stem augers can act as temporary casing, keeping the sides of the bore hole from caving in, allowing the crew to take samples through the hollow stem or use it for setting a groundwater monitoring well into place. While not effective when boulders or large cobble stones are encountered, split spoon or continuous coring can be successful in loose, sandy soils.



Key Features

- allows for soil sampling in formations of unconsolidated soils
- rapid drilling into clay-filled soils is easy and cost-effective

Frost augers can be used with GH40 or GH60 hammers to open a probe hole through a frost layer, asphalt, or compacted surface fills. When the layer has been penetrated, remove the auger and begin probing. You can even use your GH60 hammer rotation to drill an 8-inch hole for a well head protector.

HSA Combined Components

Hollow Stem Auger Replacement Parts

Components	Part	MN	Notes
	HSA Replacement Spade Cutter	500239	
	HSA Replacement Bullet Cutter	500240	
	HSA Replacement Lock Bolt	600157	
	Socket 1/2 in. Drive 1-1/8 in. 12PT	600159	
	Breakover Bar	600158	.5 in. Drive




AWJ Drill Rods (for HSA Inner String)

Components	Part	MN	Notes
	AWJ Drill Rod	236534	60 in.
		238501	24 in.
		238499	12 in.

2.25 in. Hollow Stem Augers

geoprobe.com/hsa

Pins & Drive Caps

Components	Part	MN	Notes
	Drive Pin	600616	.625 Diameter, 2.875 Tube
	HSA Auger Connecting Pin	600193	1-5/8 in. Hex, 77/66 Series Machines
	2.25 in. HSA Drive Cap	216925	1-5/8 Hex Drive







Augers

Components	Part	MN	Notes
	2.25 in. Hollow Stem Auger	600445	24 in.
		219149	48 in., Built to Order
		600032	60 in.








Cutter Heads

Components	Part	MN	Notes
	2.25 in. HSA Cutter Head	600033	6.5 in. OD Spade / Bullet

Pilot Bit String

Components	Part	MN	Notes
	Adapter AWJ Pin x HSA Cap	112771	
	HHCS 3/4-10NCX 4.50 GR8 ZN	104262	
	Nut Hex	101227	3/4-10NC GR5 ZN
	2.25 HSA Pilot Bit Sub A x AWJ	238313	NEW
	2.25 in. HSA Pilot Bit	113513	Apex
	AWJ Drill Rod	See AWJ Drill Rod table on page 33	




Accessories

Components	Part	MN	Notes
	2.25 in. HSA Plastic Plug	600250	
	2.25 in. Auger Puller	227010	Not for use with 31 series machines
	2.25 in. HSA Hoisting Cap	235913	NEW
	2.25 in. Auger Fork	203798	
	HSA Replacement Lock Bolt	600157	
	AWJ Spring Assisted Swivel Lift Cap	231440	AWJ, Pin
	Adjustable Center Rod Clamp	205182	1.25 in. Center Rod

3.25 in. Hollow Stem Augers

geoprobe.com/hsa

Pins & Drive Caps

Components	Part	MN	Notes
	Drive Pin	600616	.625 Diameter, 2.875 Tube
	HSA Auger Connecting Pin	600193	1-5/8 in. Hex, 77/66 Series Machines
	3.25 in. HSA Drive Cap	600554	1-5/8 Hex Drive








Augers

Components	Part	MN	Notes
	3.25 in. Hollow Stem Auger	112774	60 in.



Cutter Heads

Components	Part	MN	Notes
	3.25 in. HSA Cutter Head	600553	7.5 in. OD Spade / Bullet

Pilot Bit String

Components	Part	MN	Notes
	Adapter AWJ Pin x HSA Cap	112771	
	HHCS 3/4-10NC x 5.5 GR5 ZN	102003	
	Nut Hex	101227	3/4-10NC GR5 ZN
	3.25 HSA Pilot Bit Sub N4 x AWJ	238314	7.00 in. S-S NEW
	3.25 in. HSA Pilot Bit	113083	Bullet N4 Pin
	3.25 in. HSA Pilot Bit	600635	Drag N4 Pin
	AWJ Drill Rod	See AWJ Drill Rod table on page 33	

Accessories




Components	Part	MN	Notes
	3.25 in. HSA Plastic Plug	600740	
	3.25 in. Auger Puller	226279	Legacy GH60, 6712DT, 7822DT, 6011DT
	3.25 in. HSA Side Grip Puller Weldment	240731	For use with 31 series machines NEW
	3.25 in. HSA Hoisting Cap	235914	NEW
	3.25 in. Auger Fork	600636	
	HSA Replacement Lock Bolt	600157	
	AWJ Spring Assisted Swivel Lift Cap	231440	AWJ, Pin
	Adjustable Center Rod Clamp	205182	1.25 in. Center Rod

S-S (Shoulder to Shoulder)

4.25 in. Hollow Stem Augers

geoprobe.com/hsa

Pins & Drive Caps

Components	Part	MN	Notes
	Drive Pin	600616	.625 Diameter, 2.875 Tube
	HSA Auger Connecting Pin	600193	1-5/8 in. Hex, 77/66 Series Machines
	4.25 in. HSA Drive Cap NEW	239002	1-5/8 Hex Drive








Augers

Components	Part	MN	Notes
	4.25 in. Hollow Stem Auger	600216	24 in.
		600171	48 in.
		600154	60 in.











Cutter Heads

Components	Part	MN	Notes
	4.25 in. HSA Cutter Head	600155	8.75 in. OD Spade / Bullet

Pilot Bit String

Components	Part	MN	Notes
	Adapter AWJ Pin x HSA Cap	112771	
	HHCS 3/4-10NC x 6.5 GR5 BLK	100194	
	Nut Hex	101227	3/4-10NC GR5 ZN
	4.25 HSA Pilot Bit Sub 2-3/8 REG x AWJ NEW	238316	7.00 in. S-S
	4.25 in. HSA Pilot Bit NEW	600672	Bullet 3.38 Reg Pin
	4.25 in. HSA Pilot Bit	600156	Apex 3.38 Reg Pin
	AWJ Drill Rod	See AWJ Drill Rod table on page 33	




Accessories

Components	Part	MN	Notes
	4.25 in. HSA Wooden Plug	202104	
	4.25 in. HSA Plastic Plug	202105	
	4.25 in. Auger Puller	202187	Legacy GH60, 6712DT, 7822DT, 6011DT
	4.25 in. HSA Side Grip Puller Weldment NEW	240730	For use with 31 series machines
	4.25 in. HSA Flange Puller	208829	3230DT & 8040DT
	4.25 in. HSA Hoisting Cap NEW	235915	
	4.25 in. Auger Fork	202081	
	HSA Replacement Lock Bolt	600157	
	AWJ Spring Assisted Swivel Lift Cap	231440	AWJ, Pin
	Adjustable Center Rod Clamp	205182	1.25 in. Center Rod

6.25 in. Hollow Stem Augers

geoprobe.com/hsa

Pins & Drive Caps

Components	Part	MN	Notes
	Drive Pin	600616	.625 Diameter, 2.875 Tube
	HSA Auger Connecting Pin	600193	1-5/8 in. Hex, 77/66 Series Machines
	6.25 in. HSA Drive Cap NEW	239003	1-5/8 Hex Drive








Augers

Components	Part	MN	Notes
	6.25 in. Hollow Stem Auger	600361	24 in.
		600308	48 in.
		600209	60 in.

Cutter Heads







Components	Part	MN	Notes
	6.25 in. HSA Cutter Head	600210	Spade / Bullet

Accessories










Components	Part	MN	Notes
	6.25 in. HSA Wooden Plug	600211	
	6.25 in. HSA Plastic Plug	600309	
	6.25 in. Auger Puller	202945	Legacy GH60, 6712DT, 7822DT, 6011DT
	6.25 in. HSA Flange Pull Rod	212685	3230DT & 8040DT
	6.25 in. HSA Hoisting Cap NEW	235916	
	6.25 in. Auger Fork	203982	
	HSA Replacement Lock Bolt	600157	

S-S (Shoulder to Shoulder)






Frost Augers - GH40 Series 2.5 in.

Components	Part	MN	Notes
	Frost Auger Connecting Pin	213805	For 13/16 in. Hex
	2.5 in. Frost Auger	213804	48 in., 13/16 in. Hex Box
	Frost Auger Hex Stub Connector	213807	13/16 in. Hex Pin x X 13/16 in. Hex Pin
	Frost Auger Adapter	213806	GH40 Series, 13/16 in. Hex
	Anvil Retainer Cap	213964	GH40 Series
	Frost Auger Big	213803	Two Prong




Frost Augers - GH60 Series 2.5 in.

Components	Part	MN	Notes
	2.5 in. Frost Auger	213804	48 in., 13/16 in. Hex Box
	Frost Auger Connecting Pin	213805	For 13/16 in. Hex
	Frost Auger Hex Stub Connector	213807	13/16 in. Hex Pin x X 13/16 in. Hex Pin
	Frost Auger Hex Drive Pin	202553	GH60 Series, 0.5 in. OD
	Frost Auger Hex Drive	202552	GH60 Series, 1 in. Hex x 13/16 in. Hex
	Frost Auger Hex Drive Adapter	202551	GH60 Series
	Retainer Cap	200954	GH60 Series
	Frost Auger Big	213803	Two Prong
	O-Ring	103210	Quantity: 10

Continuous Flight Augers - GH60 Series 4.5 in.

Components	Part	MN	Notes
	Solid Auger	600200	4.5 in. OD x 60 in. x 1.625 in. Hex
	HSA Auger Connecting Pin	600193	1-5/8 in. Hex, 77/66 Series Machines
	Drive Pin	600616	.625 Diameter, 2.875 Tube
	Solid Auger Cutter Head	600201	4.5 in. OD x 1.625 in. Hex Bullet
	Cutter Head 5T	113916	4.5 in. OD, 1.625 in. Hex

Accessories

Components	Part	MN	Notes
	1.625 in. Female Hex U-Joint Assembly	208313	
	2 in. Female Hex U-Joint Assembly	211531	
	Pull Bolt Auger	207866	

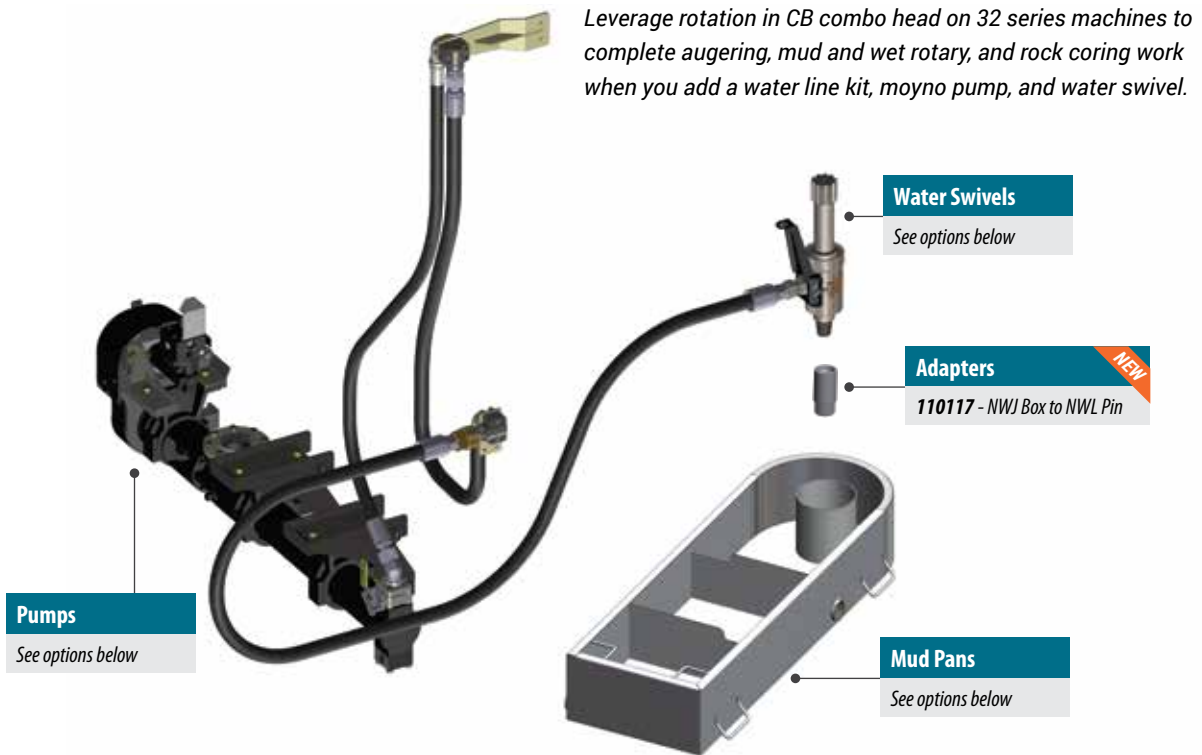
6 Rock Coring & Wet Rotary Systems

geoprobe.com/rock

Geoprobe® now offers complete rock coring systems to compliment its proven line of soil and groundwater sampling systems. It is becoming increasingly common for Geoprobe® customers to be involved in projects requiring competent rock sampling. Adding rotary heads to machines for rock coring and wet rotary tooling systems increases rig utilization rates creating positive movement in profitability.

32 Series Rotary Swivel System

geoprobe.com/rotary-swivel



Swivels

Components	Part	MN	Notes
	Water Swivel and Bracket (NWJ)	208539	8040DT, 3230DT
	Top Spline Water Swivel	220660	with 3230DT Hardware

Mud Pans

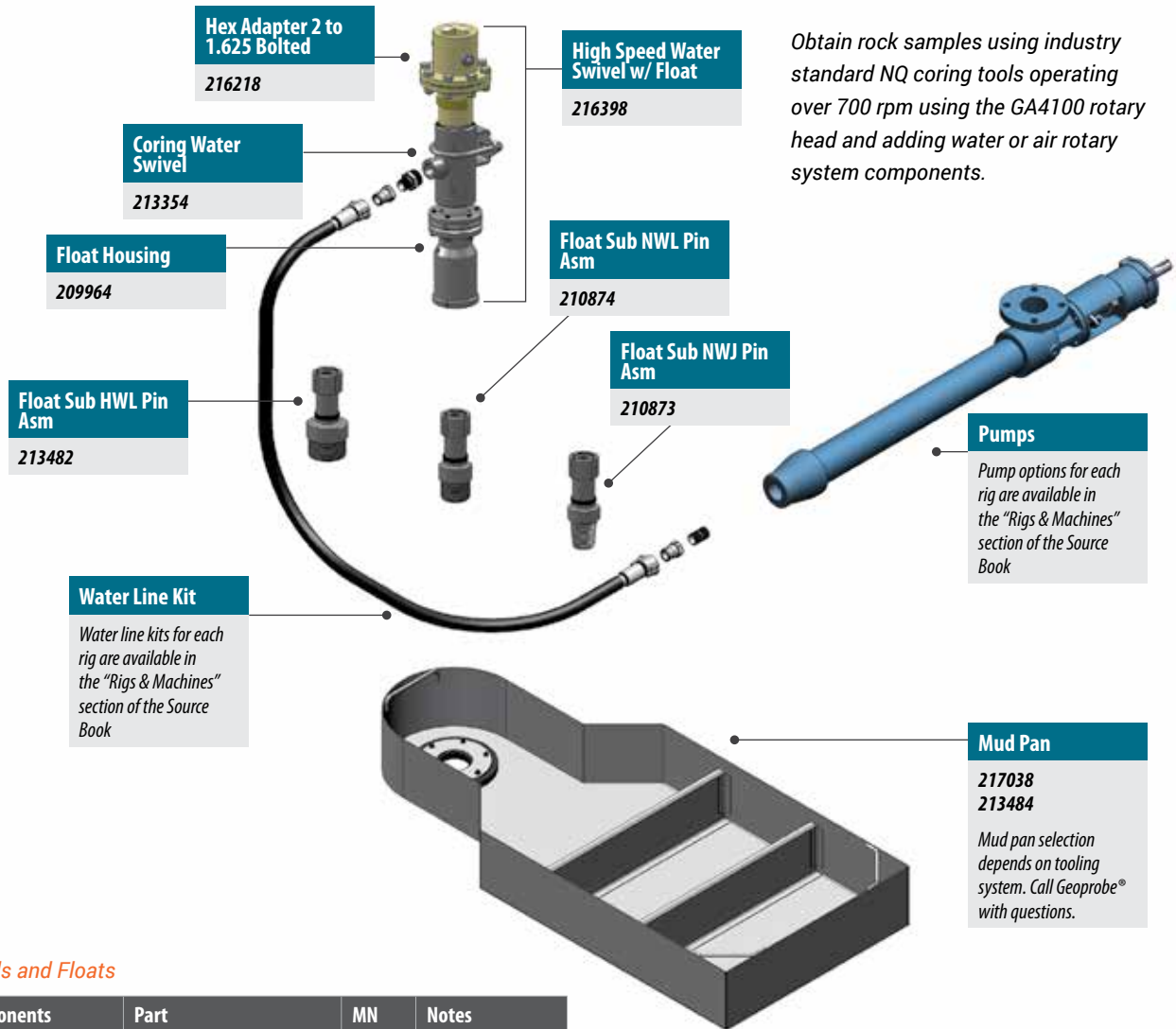
Components	Part	MN	Notes
	Mud Pan	217038	100 gallons, aluminum
	Mud Pan	NEW 234972	100 gallons, aluminum

Pumps

Components	Part	MN	Notes
	Moyno® 3L8	223766	3230DT, Includes water line: 231081
	Moyno® 3L6	217556	3230DT, Water line: 225769
	SPX40 Pump Kit	224655	Includes water line: 224652
	Triplex Pump	211114	Water line: 224665
	SPX40 Pump Kit with Surge Bottle	231081	Includes water line: 231080

GA4100 Auger High Speed Water Swivel System (7822DT, 31 Series)

geoprobe.com/ga4100



Obtain rock samples using industry standard NQ coring tools operating over 700 rpm using the GA4100 rotary head and adding water or air rotary system components.

Swivels and Floats

Components	Part	MN	Notes
	High Speed Water Swivel w/ Float	216398	Packing Kit 105510
	Float Sub NWJ Pin Asm	210873	
	Float Sub NWL Pin Asm	210874	
	Float Sub HWL Pin Asm	213482	

Mud Pans

Components	Part	MN	Notes
	Mud Pan	217038	100 gallons, aluminum
	Mud Pan	213484	40 gal., Steel

Air Rotary Option

Components	Part	MN	Notes
	NWJ Box x AWJ Pin	600692	4.25 in. S-S

Accessories

Components	Part	MN	Notes
	Water Swivel Quick Release Pin	216395	78 Series
	Hex Adapter 2 to 1.625 Bolted	216218	
	Drive Pin	600616	.625 Diameter, 2.875 Tube
	Coring Water Swivel	213354	1-5/8 Asm
	CCH Float Housing Asm	209964	
	NWJ Box x 1.25-7 UNC Pin	224767	5.75 in. S-S

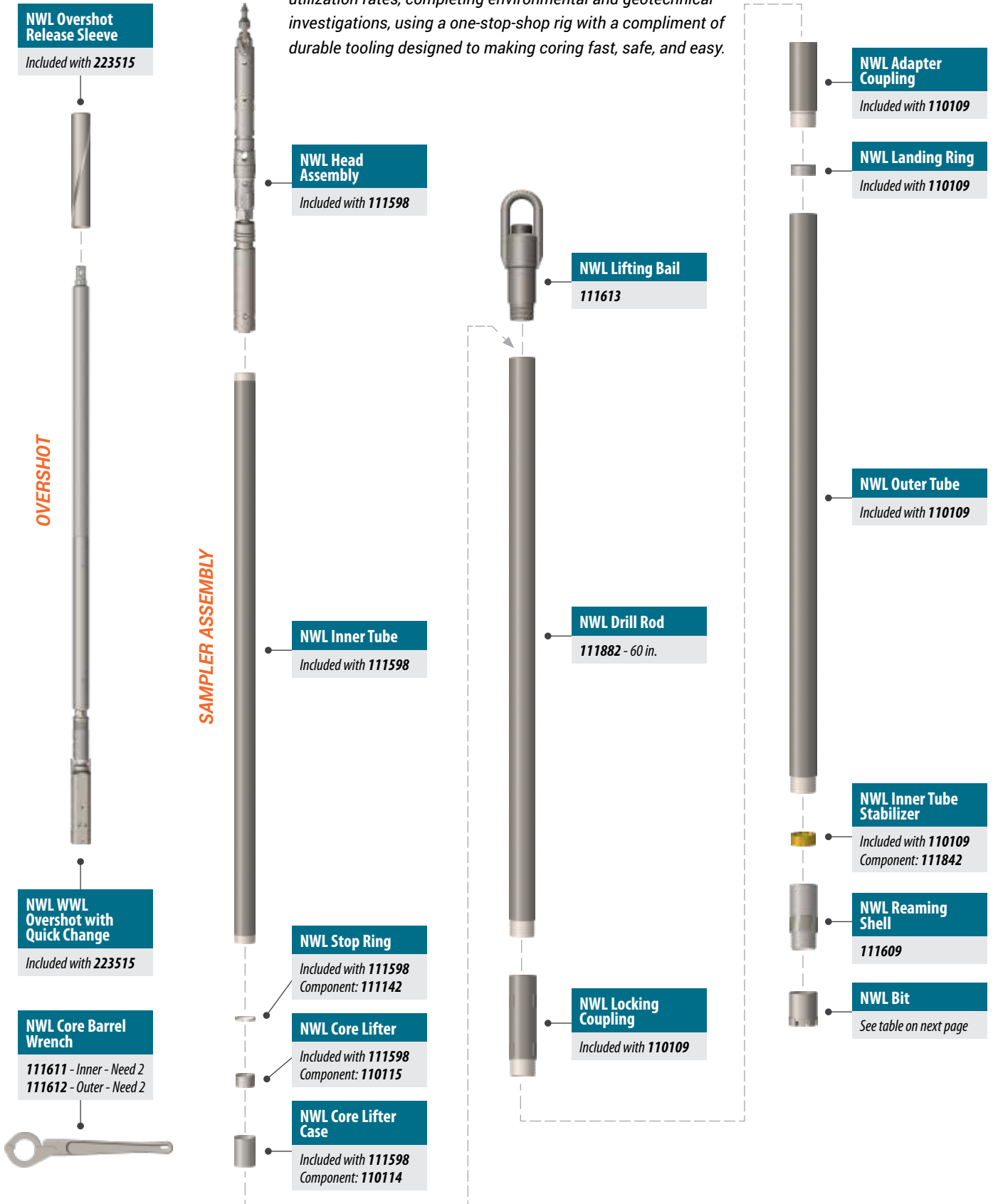
N - Rock Coring Wireline System

geoprobe.com/n-rock




785-825-1842



Confidently complete wireline rock coring with combination rigs using the N-Rock Coring Wireline System. Maximize utilization rates, completing environmental and geotechnical investigations, using a one-stop-shop rig with a compliment of durable tooling designed to making coring fast, safe, and easy.






Overshot

Components	Part	MN
	NWL WWL Overshot with Quick Change <i>Includes:</i> - NWL WWL Overshot - NWL Overshot Release Sleeve	223515



Lifting Bail / Drill Rod

Components	Part	MN	Notes
	NWL Lifting Bail	111613	
	NWL Drill Rod	111882	60 in.





Inner Barrel

Assembly	Part	MN	
	NWL Inner Barrel <i>Includes:</i> - NWL Head Assembly - NWL Inner Tube - NWL Stop Ring - NWL Core Lifter - NWL Core Lifter Case	111598	
Components	Part	MN	Notes
	NWL Stop Ring	111142	
	NWL Core Lifter	110115	
	NWL Core Lifter Case	110114	

Core Barrel

Assembly	Part	MN	
	NWL Core Barrel <i>Includes:</i> - NWL Locking Coupling - NWL Adapter Coupling - NWL Landing Ring - NWL Outer Tube - NWL Inner Tube Stabilizer	110109	
Components	Part	MN	Notes
	NWL Inner Tube Stabilizer	111842	





Reaming Shell / Bits

Components	Part	MN	Notes
	NWL Reaming Shell	111609	2.98 in. OD
	NWL Bit Soft Impr (3-5 MOH)	111615	2.98 in. OD
	NWL Bit Medium Impr (4-6 MOH)	111614	2.98 in. OD
	NWL Bit Hard Impr (5-7 MOH)	111608	2.98 in. OD

Wrenches

Components	Part	MN	Notes
	NWL Core Barrel Wrench Inner	111611	Requires 2 wrenches
	NWL Core Barrel Wrench Outer	111612	Requires 2 wrenches

Accessories


Components	Part	MN	Notes
	NWJ Box x NWL Pin <i>NEW</i>	110117	4.50 in. S-S
	Thread Compound	600729	1 Gallon
	Drop Rack System Coring <i>NEW</i>	239699	
	Coring Upgrade Kit for 7 in. Breakout <i>NEW</i>	217024	7822DT, 3230DT

Machine breakout kits are recommended for N-Rock Coring. Please refer to the machine section for options.



7 Concrete Coring & Penetrator Systems

geoprobe.com/concrete



There may be times a larger hole is required at the surface or a cored hole is called out in the work plan. Using Geoprobe® concrete coring systems to cut a core eliminates mobilizing specialized equipment to site, improving efficiency. Water swivel assemblies are available for use with rotary hammers along with industry-standardized diamond drill bits using 1.25-7 threads.

Key Features

- *Water flow lubricates and cools core bit while removing cuttings*
- *Rotation capabilities of the machine eliminate mobilization of specialized equipment*

A 5-in. concrete core opens up the subsurface for sampling or for monitoring well installation.

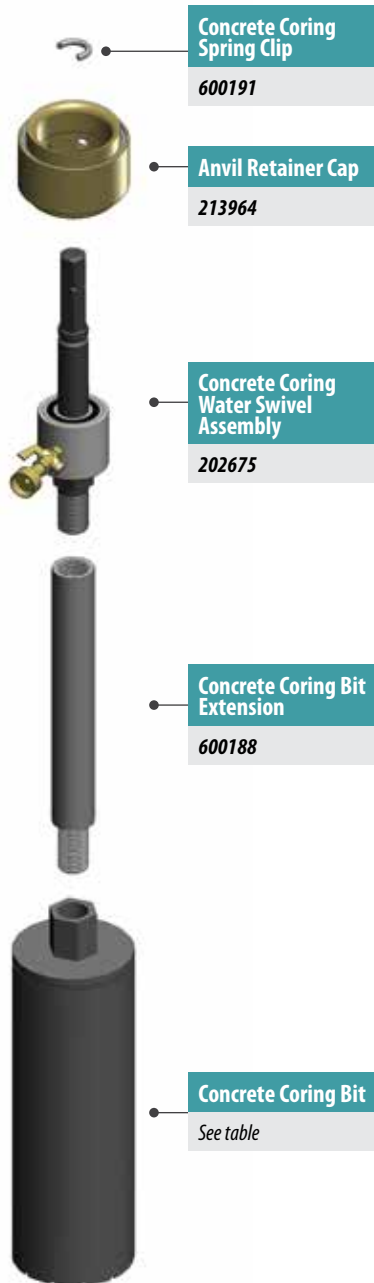
Concrete Coring System - GH40 Series

geoprobe.com/gh40-coring



785-825-1842

It is often necessary to probe in areas that have concrete, asphalt or brick at the surface. The GH40 concrete coring system can be used to cut a core without having to mobilize a specialized piece of equipment to the site. This improves efficiency and it adds value to your direct push machine with a GH40 percussion hammer.



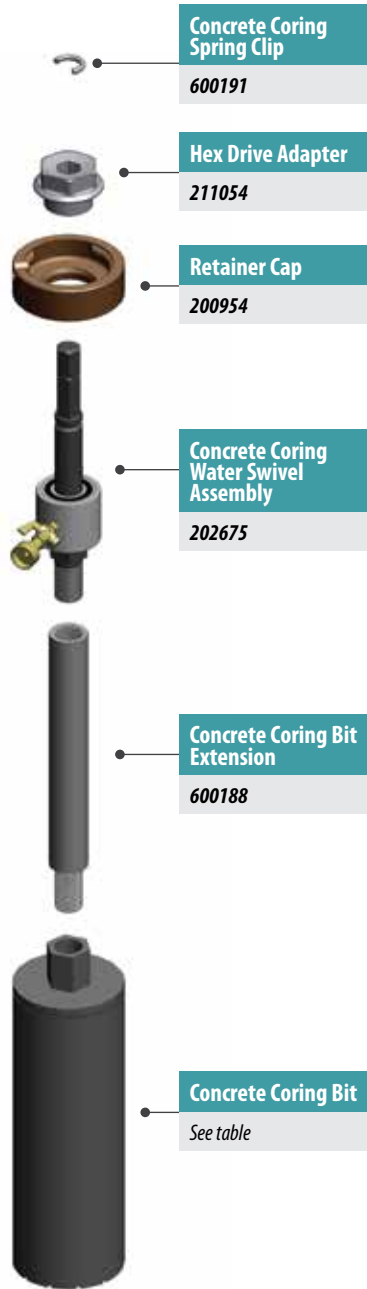
Components	Part	MN	Notes
	Concrete Coring Spring Clip	600191	
	Anvil Retainer Cap	213964	GH40 Series
	Concrete Coring Water Swivel Assembly	202675	
	Concrete Coring Bit Extension	600188	12 in. LG
	Concrete Coring Plate Bracket	202903	
	Concrete Coring Plate Handle	202905	
	Concrete Coring Support Plate	202870	
	Water Tank Garden Hose Adapter Kit	205296	
	Washer Flat	101189	USS 5/16 ZN

Concrete Coring Bits

Components	Part	MN	Notes
	Concrete Coring Bit	600248	3 in. OD x 13 in. LG
		600247	4 in. OD X 13 in. LG
		600187	5 in. OD x 13 in. LG
		600238	6 in. OD x 13 in. LG
		600206	8 in. OD x 13 in. LG
		600199	12 in. OD X 13 in. LG

LG = Long

Many times it is possible to break through surface concrete using a carbide-tipped drill bit and the Geoprobe® hammer, but sometimes a larger hole is required or a cored hole is specified in the work plan. Water flow provides lubrication and cooling for the core bit. Water also removes the cuttings that develops as the bit cuts through the surface material.



Components	Part	MN	Notes
	Concrete Coring Spring Clip	600191	
	Hex Drive Adapter	211054	GH60 Coring
	Retainer Cap	200954	GH60 Series
	Concrete Coring Water Swivel Assembly	202675	
	Concrete Coring Bit Extension	600188	12 in. LG
	Water Tank Garden Hose Adapter Kit	205296	

Concrete Coring Bits

Components	Part	MN	Notes
	Concrete Coring Bit	600248	3 in. OD x 13 in. LG
		600247	4 in. OD X 13 in. LG
		600187	5 in. OD x 13 in. LG
		600238	6 in. OD x 13 in. LG
		600206	8 in. OD x 13 in. LG
		600199	12 in. OD X 13 in. LG

LG = Long

7822DT Concrete Coring

geoprobe.com/gh60-coring



This demo looks at surface coring with the Geoprobe® 7822DT.

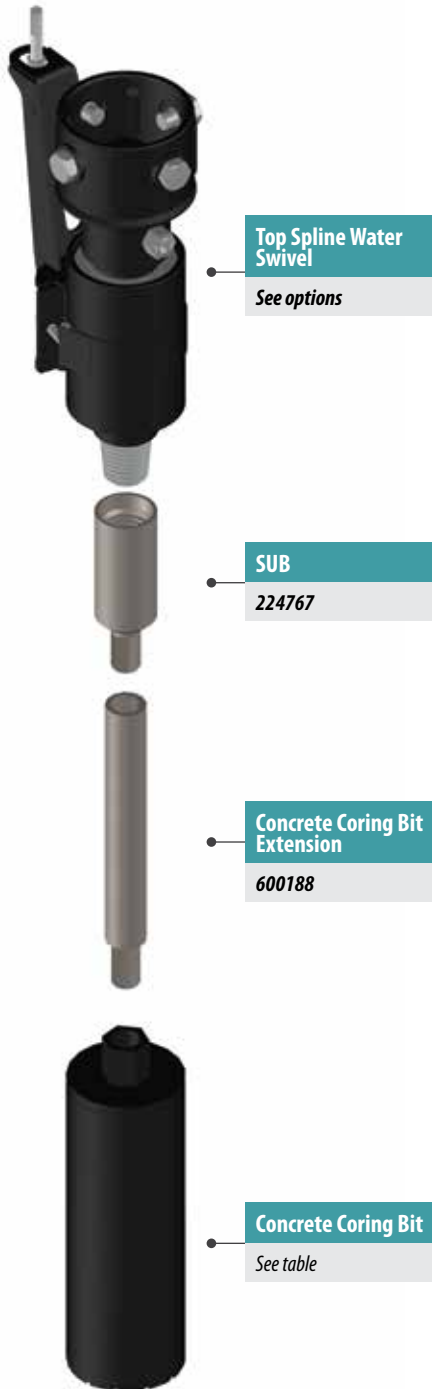
Concrete Coring System - GH70 / GH80 Series

geoprobe.com/gh70-coring



785-825-1842

The Geoprobe® concrete coring system can be used to cut a core without having to mobilize a specialized piece of equipment to the site. This improves efficiency and it adds value to your direct push machine. Geoprobe® offers a Water Swivel Assembly designed to be used with Geoprobe® hammers having rotational capabilities and industry standardized diamond drill bits using 1.25-7 threads.

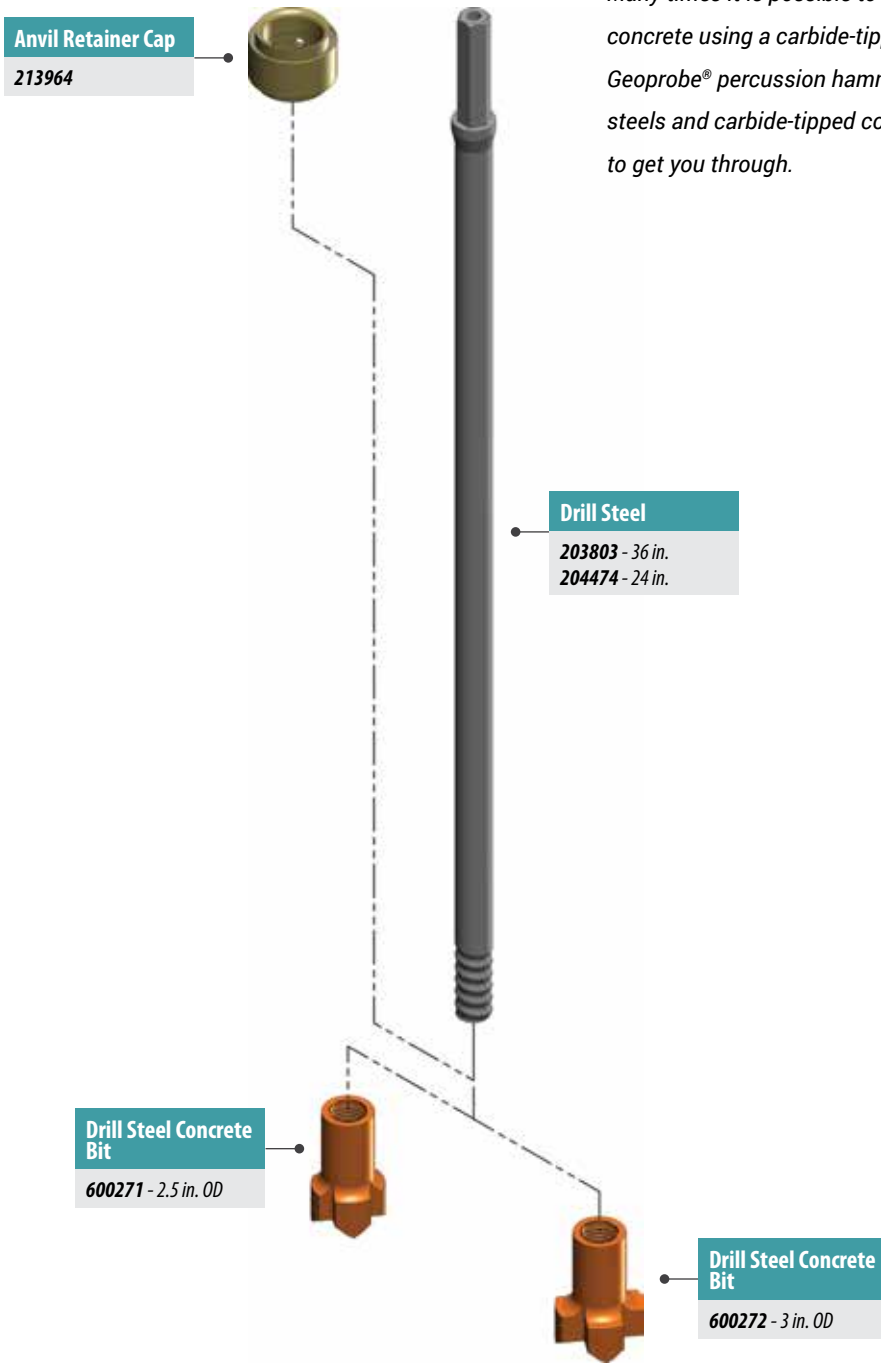


Components	Part	MN	Notes
	Water Swivel and Bracket (NWJ)	208539	8040DT, 3230DT
	Top Spline Water Swivel	220660	with 3230DT Hardware
	NWJ Box x 1.25-7 UNC Pin NEW	224767	5.75 in. S-S
	Concrete Coring Bit Extension	600188	12 in. LG




Concrete Coring Bits



Components	Part	MN	Notes
	Concrete Coring Bit	600248	3 in. OD x 13 in. LG
		600247	4 in. OD X 13 in. LG
		600187	5 in. OD x 13 in. LG
		600238	6 in. OD x 13 in. LG
		600206	8 in. OD x 13 in. LG
		600199	12 in. OD X 13 in. LG

LG = Long

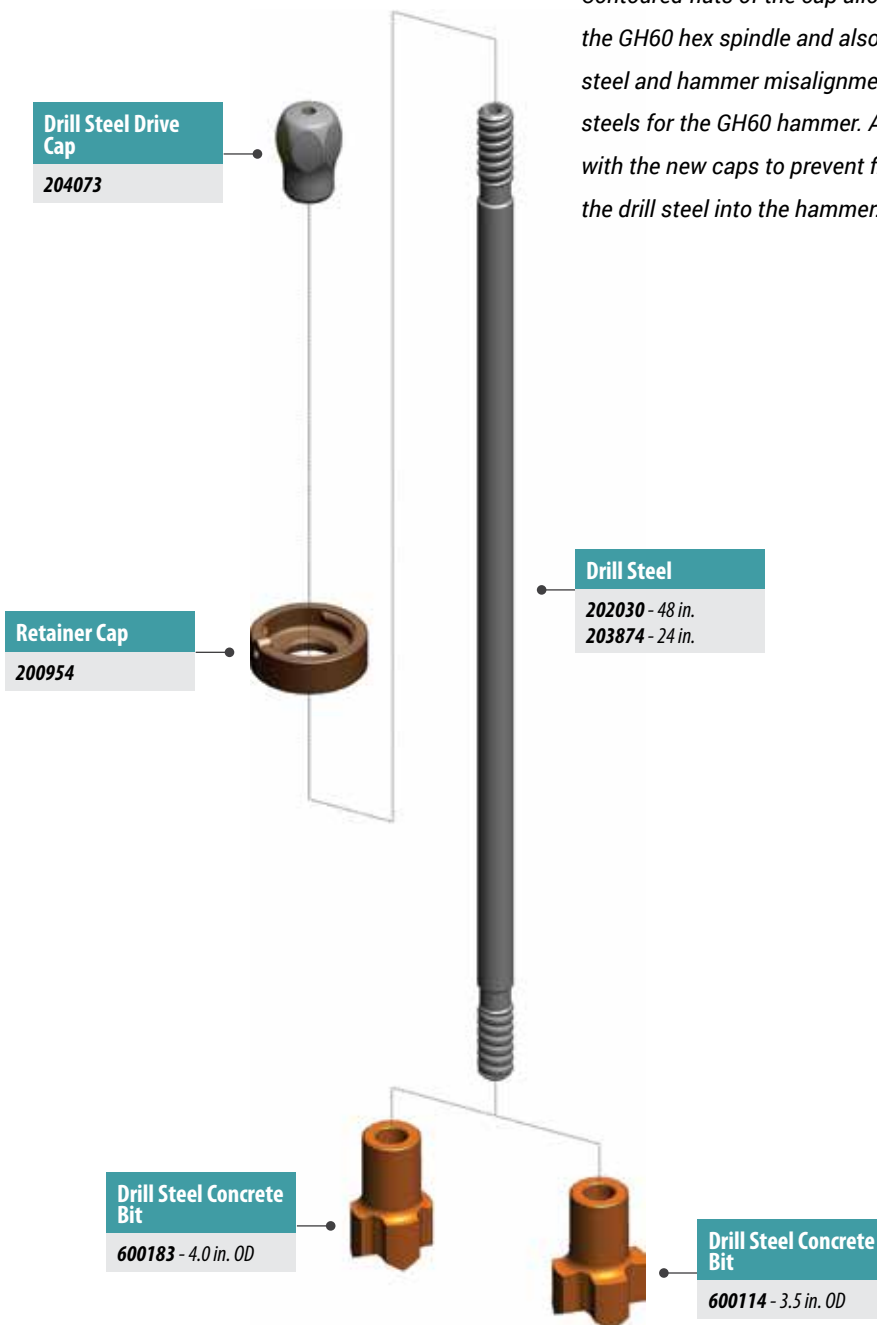


Many times it is possible to break through the concrete using a carbide-tipped drill bit and the Geoprobe® percussion hammer. Multiple sizes of drill steels and carbide-tipped concrete bits are available to get you through.

Components	Part	MN	Notes
36 in. 	Drill Steel	203803	1.0 in. x 3-1/2 in. Shank x 36 in.
24 in. 	Drill Steel	204474	1.0 in. x 3-1/2 in. Shank X 24 in.
	Anvil Retainer Cap	213964	GH40 Series

Components	Part	MN	Notes
	Drill Steel Concrete Bit	600272	3.0 in. OD
	Drill Steel Concrete Bit	600271	2.5 in. OD

Contoured flats of the cap allow for a better fit inside the GH60 hex spindle and also gives allowance for drill steel and hammer misalignment. Fits all existing drill steels for the GH60 hammer. A penny is also included with the new caps to prevent fines from traveling up the drill steel into the hammer.



Components	Part	MN	Notes
	Drill Steel Drive Cap	204073	GH60 Series
	Retainer Cap	200954	GH60 Series
48 in.	Drill Steel	202030	1.5 in. x 3-1/2 in. Shank x 48 in.
24 in.	Drill Steel	203874	1.5 in. x 3-1/2 in. Shank x 24 in.

Components	Part	MN	Notes
	Drill Steel Concrete Bit	600183	4.0 in. OD
	Drill Steel Concrete Bit	600114	3.5 in. OD
	Concrete Bit	600215	2.5 in.
	Drill Steel Coupler	600229	Box x Box
NEW	Retainer Cap Repair Kit	202752	

8

Groundwater Sampling & Monitoring (Direct Push)

geoprobe.com/groundwater

Geoprobe Systems® offers groundwater sampling tools, monitoring wells, and accessories to help characterize the water quality and extent of potential contamination – including PFAS – during environmental assessments and investigations in unconsolidated soils and sediments.

Groundwater samplers are installed temporarily allowing for quick sample collection along with slug testing capabilities, then the sampler is removed, decontaminated, and used at the next location. SP16, SP19, and SP22 are examples of these types of groundwater sampling tools.

Groundwater monitoring can be accomplished using Geoprobe® Prepacks for both long and short-term groundwater monitoring wells. They are available in a variety of sizes and are installed using casings driven by Geoprobe® machines.

Most groundwater samplers permit you to conduct bottom-up grouting to meet regulatory requirements for borehole abandonment. These simple, cost-effective tools have changed the way many environmental assessments and remedial investigations are conducted. Simpler can be better... smarter... and less expensive.

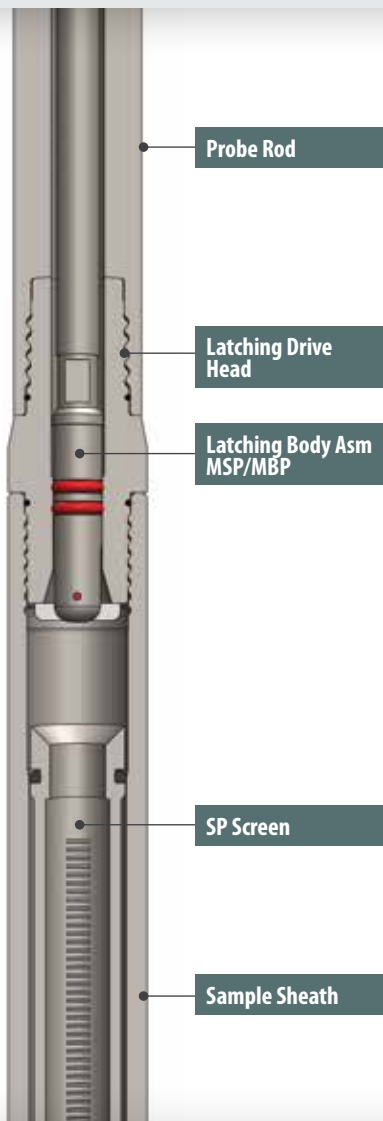
What's New

- SP19 Groundwater Sampler
- Groundwater Screen Point Latching Samplers



SP16 Groundwater Sampler

Latching groundwater sampling system patent pending



NEW GW Screen Point Latching Samplers:

Isolate Sampler to Assure Integrity

The latching sampler system allows the operator to deploy a screen point (SP) sampler in the formation and then insert a sampler and tubing down the rods and connect or “latch” to the SP drive head. The latching sampler system uses o-ring seals to isolate the sample zone (the SP screen) from water in the drive rods above the SP drive head. Mechanical Syringe Pumps (MSP), Mechanical Bladder Pumps (MBP), and conventional peristaltic pumps can all be used as screen point latching samplers.

Latching SP16

The latching sampler allows the user to connect a pump, or other sample line, directly to the top of the down-hole SP sampler. This isolates the SP sampler from water in the rod string above the sampler, thereby assuring sample integrity.

Latching SP19

The NEW SP19 with a modified drive head has 59% more area included in the sheath head making it stronger and more durable. Utilizing the latching sampler, connect a pump or other sample line directly to the top of the SP19, isolating the SP19 from water in the rod string above to assure sample integrity.

Isolated SP22

Saving time when doing a lot of testing, the isolated SP22 securely holds the mechanical syringe pump or mechanical bladder pump, sealing the outer string.

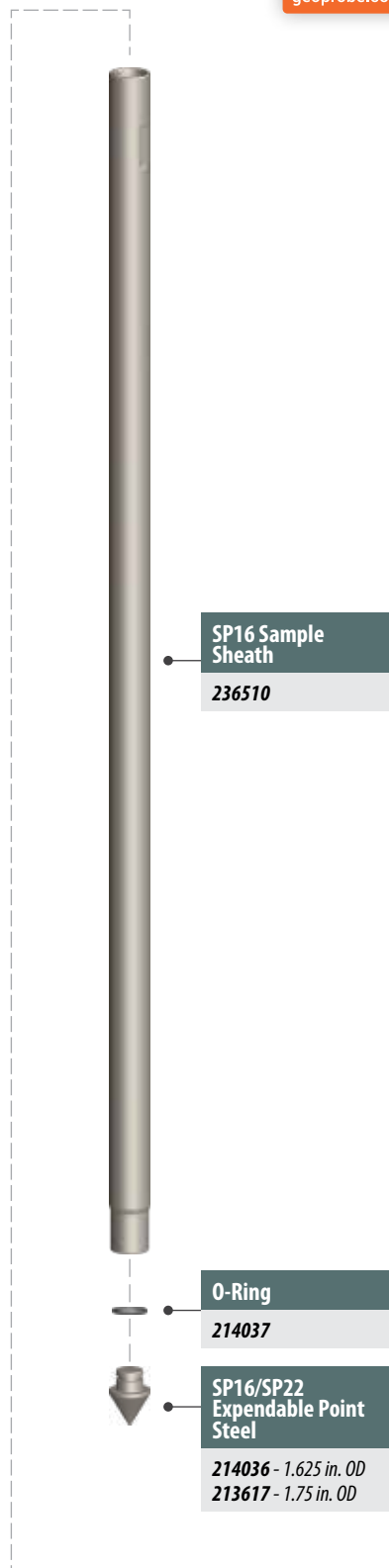
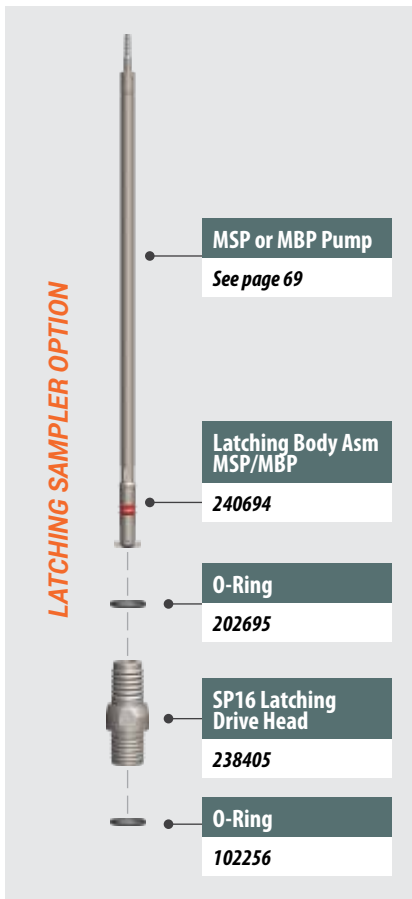
SP19 Groundwater Sampler

Screen Point Groundwater Sampler for 1.75 in. Rods

Geoprobe® Screen Point (SP) Groundwater Samplers have become standard equipment for direct push operators completing environmental investigations since its introduction in the 1990s. The benefit of the SP system is its ability to deliver a protected sampling screen to depth and then to expose that screen to the formation.





The SP19 Groundwater Sampler is designed for use with the Geoprobe® 1.75 rod system commonly used by Direct Image® operators who perform MIP, HPT, and OIP logging. The heavier rods have a much longer life than the 1.5-inch rods, plus they have dependable O-ring seal at the rod joints. The 1.75 rod makes a good choice for the continuous driving of groundwater profiling, logging, or sampling.

The SP19 sheath, as with all SP Groundwater Samplers, is built with a larger diameter, 1.875 inches (48mm), than the rod system. This larger diameter serves as a friction reducer during driving and also seals the hole as the sheath is retracted to expose the SP screen. Updated SP22 screens are compatible with the SP19, with lengths available in 12 inch, 48 inch, and 60 inch (13 inch, 42 inch, and 60 inch exposed lengths respectively).







Screen Point 16 Groundwater Samplers are used to collect representative groundwater samples from a discrete interval – using a bailer, bladder pump, or other device – from unconsolidated materials at depths ranging from near ground surface to more than 100 feet below grade. Completely sealed during driving, up to 41 inches of screen can be exposed to sample dissolved compounds and NAPLs.




Drive Heads

Components	Part	MN	Notes
	SP Drive Head	211776	1.25 Pin, 1.63 in. OD
	SP16 Drive Head	202633	1.5 Pin, .625 in. Bore
	SP16 Drive Head	203262	1.5 Pin, .5 in. Bore
	SP16 Drive Head	223178	1.75 Pin, .5 in. Bore







Screens / Plugs

Components	Part	MN	Notes
	SP16 Screen	214027	Stainless Steel
	SP16 Screen	214028	PVC, Recoverable
	SP16 Screen	202821	0.65 in. ID, 0.010 Slot, PVC, Disposable
	SP16 Grout Plug	607033	Quantity: 25

Sheath / Points

Components	Part	MN	Notes
	SP16 Sample Sheath	236510	
	SP16/SP22 Expendable Point Steel	214036	1.625 in. OD, Quantity: 25
	SP16/SP22 Expendable Point Steel	213617	1.75 in. OD, Quantity: 25

O-Rings

Components	Part	MN	Notes
	O-Ring (1.25 in. Probe Rod)	213771	Quantity: 25
	O-Ring (1.5 in. Probe Rod)	202695	Quantity: 25
	O-Ring (1.75 in. Probe Rod)	220387	Quantity: 25
	O-Ring (SP16 Drive Head)	102256	Quantity: 25
	O-Ring (MC5 Point, DT22 Point, SP16 SS Screen)	213918	Quantity: 25
	O-Ring (SP15/SP16 Expendable Point)	214037	Quantity: 25




Notes

To use the latching sampler with the SP16 Groundwater Sampler, be sure to select the SP16 Latching Drive Head (MN 238405) when you purchase this system.








When operating the mechanical syringe or bladder pump within this sampler, Geoprobe® recommends using the mechanical actuator (MN 214106) for sample collection.

Latching groundwater sampling system patent pending







Tubing / Check Valve

Components	Part	MN	Notes
	Nylon Grout Tubing	600144	3/8 in. OD x 1/4 in. ID x 100 ft.
	PE Tubing	601063	3/8 in. OD x 1/4 in. ID x 500 ft.
	Tubing Check Valve	214061	3/8 in. OD Tubing

Accessories

Components	Part	MN	Notes
	SP16 Grout Nozzle	214031	
	SP16 Screen Push Adapter	214029	
	SP16 Grout Plug Push Adapter	214030	
	Mini Bailer	214056	0.4" OD X 20"
	3/8 Tubing Check Valve End	214058	
	Replacement Check Balls (3/8 Check Valve)	214057	Quantity: 5
	O-Ring Service Kit (SP16 1.5 Rod)	202797	

Latching Sampler Option

Components	Part	MN	Notes
	Latching Body Asm MSP/MBP NEW	240694	
	O-Ring (SP Latch Body) NEW	239184	Quantity: 10
	SP Latch NEW	240695	Quantity: 10
	Shear Pin Latching SP MSP/MBP NEW	239716	Quantity: 20
	SP16 Latching Drive Head NEW	238405	1.5 Pin
	MBP/MSP Check Ball Stainless Steel	103212	Quantity: 10

SP16 - Step-by-Step Sampling

geoprobe.com/sp16



This step-by-step video tutorial demonstrates taking SP16 groundwater samples.

SP19 Groundwater Sampler

geoprobe.com/sp19



785-825-1842

The SP19 Groundwater Sampler is designed for use with the Geoprobe® 1.75 rod system. This rod system allows the operator to drive samplers deeper, with greater driving efficiency and less rod wear. Updated SP22 screens are compatible with the SP19, with lengths available in 12 inch, 48 inch, and 60 inch. SP16 drive points and accessory extension rods for holding down the screen are compatible with SP19.

1.75 in. Drive Cap
See table on next page

O-Ring
220387

1.75 in. Probe Rod
220032 - 60 in.
220746 - 48 in.
227765 - 24 in.
227767 - 12 in.
230326 - 1m

O-Ring
118243

SP19 / SP22 Screen
See table on next page

Sample Sheath
239365 - 60 in.
237855 - 48 in.
239343 - 12 in.

LATCHING SAMPLER OPTION

MSP or MBP Pump
See page 69

Latching Body Asm MSP/MBP
240694

O-Ring
220387

SP19 Drive Head
237852



O-Ring
220387

SP16 Grout Plug
601033

O-Ring
214037

Expendable Point, Steel
214036 - 1.625 in. OD
213617 - 1.75 in. OD



Drive Cap / Probe Rods

Components	Part	MN	Notes		
	1.75 in. Drive Cap	225657	GH60, Threadless		
	1.75 in. Drive Cap	225663	GH40, Threadless		
1.75 in. Probe Rod	MN	Length	Weight	OD	ID
	220032	60 in.	34 lbs.	1.75 in.	.75 in.
	220746	48 in.	27.2 lbs.		
	227765	24 in.	13.6 lbs.		
	227767	12 in.	6.8 lbs.		
	230326	1 m.	22.3 lbs.		



Drive Head

Components	Part	MN	Notes
	SP19 Drive Head NEW	237852	1.75 Pin

Screens / Plugs

Components	Part	MN	Notes
	SP19 / SP22 Screen NEW	239395	0.004 Slot x 60 in., Stainless Steel
	SP19 / SP22 Screen	208114	0.004 Slot x 48 in., Stainless Steel
	SP19 / SP22 Screen	208238	0.004 Slot x 12 in., Stainless Steel
	SP16 Grout Plug	601033	Quantity: 25

Sheath / Points

Components	Part	MN	Notes
	SP19 Sample Sheath NEW	239365	60 in.
	SP19 Sample Sheath NEW	237855	48 in.
	SP19 Sample Sheath NEW	239343	12 in.
	SP16/SP22 Expendable Point Steel	213617	1.75 in. OD, Quantity: 25
	SP16/SP22 Expendable Point Steel	214036	1.625 in. OD, Quantity: 25


Notes

The SP19 Drive Head (MN 237852) is a "Latching" drive head and is compatible with the latching samplers found on page 70.


When operating the mechanical syringe or bladder pump within this sampler, Geoprobe® recommends using the mechanical actuator (MN 214106) for sample collection.

Latching groundwater sampling system patent pending

O-Rings

Components	Part	MN	Notes
	O-Ring (1.75 in. Probe Rod)	220387	Quantity: 25
	O-Ring (SP19 SS) NEW	118243	Quantity: 25
	O-Ring (SP15/SP16 Expendable Point)	214037	Quantity: 25


Tubing / Check Valve

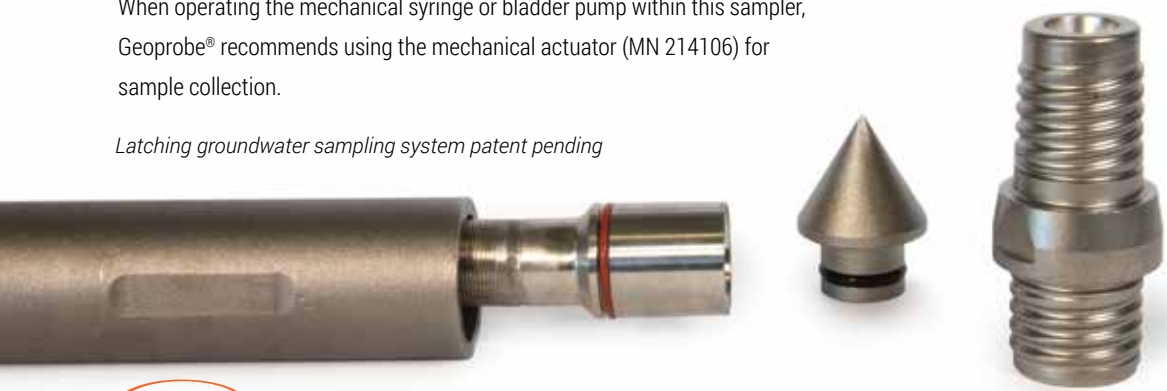
Components	Part	MN	Notes
	Nylon Tubing	600144	3/8 in. OD x 1/4 in. ID x 100 ft.
	PE Tubing	601063	3/8 in. OD x 1/4 in. ID x 500 ft.
	Tubing Check Valve	214061	3/8 in. OD Tubing
	Tubing Check Valve	208113	3/8 in. OD Tubing, 20 in.

Accessories

Components	Part	MN	Notes
	SP16 Grout Nozzle	214031	
	SP16 Screen Push Adapter	214029	
	SP16 Grout Plug Push Adapter	214030	
	Mini Bailer	214056	0.4" OD X 20"
	3/8 Tubing Check Valve End	214058	
	Replacement Check Balls (3/8 Check Valve)	214057	Quantity: 5

Latching Sampler Option

Components	Part	MN	Notes
	Latching Body Asm MSP/MBP NEW	240694	
	O-Ring (SP Latch Body) NEW	239184	Quantity: 10
	SP Latch NEW	240695	Quantity: 10
	Shear Pin Latching SP MSP/MBP NEW	239716	Quantity: 20
	MBP/MSP Check Ball Stainless Steel	103212	Quantity: 10



SP22 Groundwater Sampler

geoprobe.com/sp22

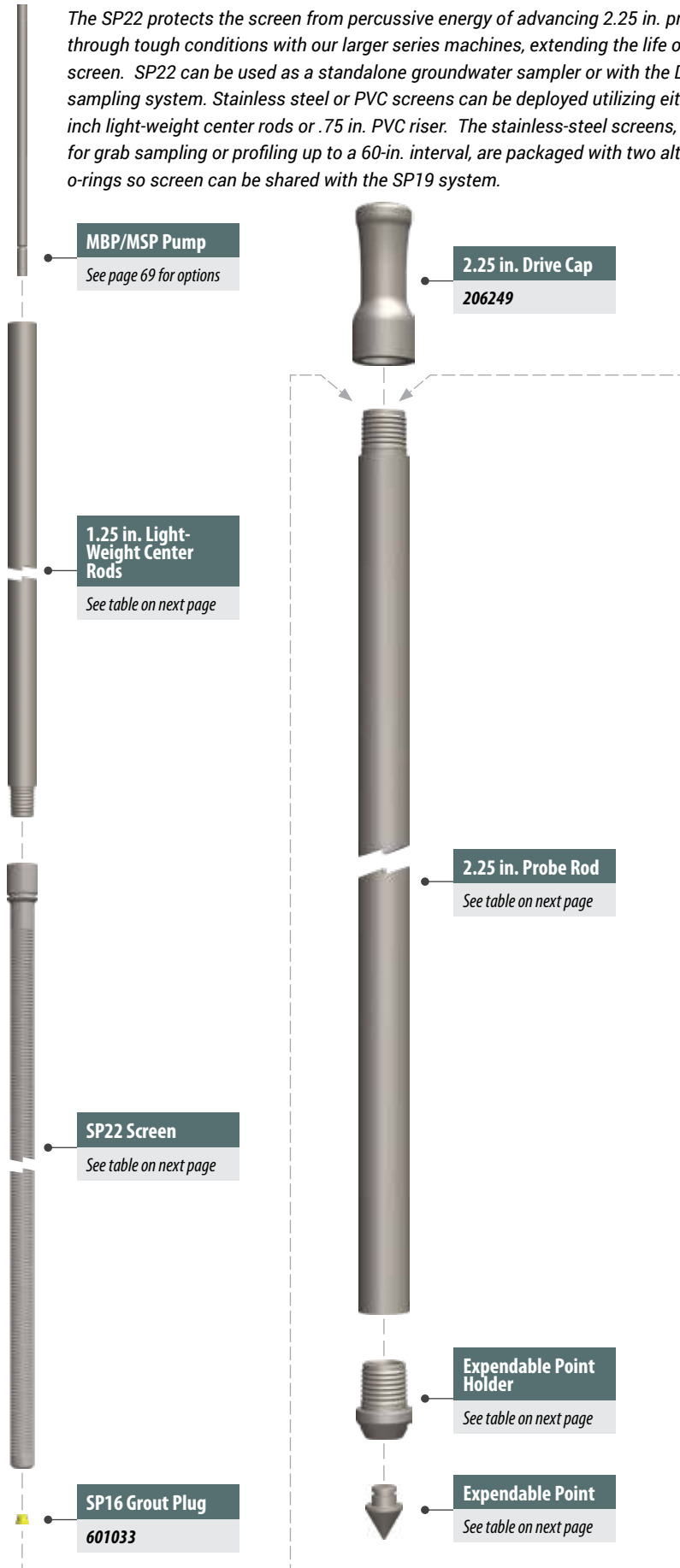


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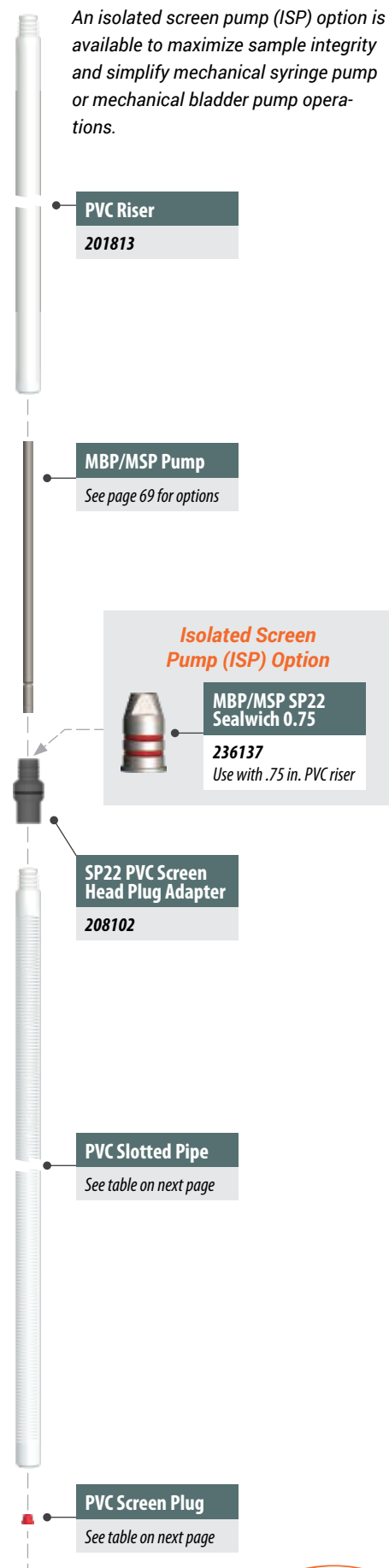
The SP22 protects the screen from percussive energy of advancing 2.25 in. probe rod through tough conditions with our larger series machines, extending the life of the screen. SP22 can be used as a standalone groundwater sampler or with the DT22 soil sampling system. Stainless steel or PVC screens can be deployed utilizing either 1.25-inch light-weight center rods or .75 in. PVC riser. The stainless-steel screens, available for grab sampling or profiling up to a 60-in. interval, are packaged with two alternate o-rings so screen can be shared with the SP19 system.

An isolated screen pump (ISP) option is available to maximize sample integrity and simplify mechanical syringe pump or mechanical bladder pump operations.



1.25 IN. PROBE ROD OPTION









.75 IN. PVC SCREEN OPTION






Drive Cap / 2.25 in. Probe Rods

Components	Part	MN	Notes		
	2.25 in. Drive Cap	206249	GH60, Threadless		
	O-Ring (2.25 in. Probe Rod)	213790	Quantity: 25		
2.25 in. Probe Rod	MN	Length	Weight	OD	ID
	204767	60 in.	37.5 lbs.	2.25 in.	1.5 in.
	204766	48 in.	30 lbs.		
	206706	36 in.	22.5 lbs.		
	206588	24 in.	15 lbs.		
	204777	12 in.	7.5 lbs.		
	204778	1 m	24.6 lbs.		

Points / Holders

Components	Part	MN	Notes
	SP22 Expendable Point Holder (2.25 Point)	206861	
	2.25 in. Expendable Steel Point	213789	2.45 in. OD, Quantity: 25
	O-Ring (2.25 in. Expendable Point)	200282	Quantity: 25
	SP22 Expendable Point Holder (SP22 Point)	209991	
	SP16/SP22 Expendable Point Steel	214036	1.625 in. OD, Quantity: 25
	O-Ring (SP15/SP16 Expendable Point)	214037	Quantity: 25

Tubing / Check Valve



Components	Part	MN	Notes
	PE Tubing	601063	3/8 in. OD x 1/4 in. ID x 500 ft.
	Tubing Check Valve	208113	3/8 in. OD Tubing, 20 in.
	Tubing Check Valve	214061	3/8 in. OD Tubing

Notes



The 20-inch long check valve (208113) is required when using the light-weight center rods.

When operating the mechanical syringe or bladder pump within this sampler, Geoprobe® recommends using the mechanical actuator (MN 214106) for sample collection.

1.25 in. Light-Weight Center Rods

1.25 in. Light-Weight Center Rods	MN	Length	Weight	OD	ID
	205232	60 in.	6 lbs.	1.25 in.	0.625 in.
	203988	48 in.	5.1 lbs.		
	209949	36 in.	4.2 lbs.		
	206525	1 m	4.5 lbs.		
Components	Part	MN	Notes		
	O-Ring (1.25 in. Probe Rod)	213771	Quantity: 25		





Stainless Steel Screens, 1.25 Box

Components	Part	MN	Notes
	SP19 / SP22 Screen	239395	0.004 Slot x 60 in., Stainless Steel
	SP19 / SP22 Screen	208114	0.004 Slot x 48 in., Stainless Steel
	SP19 / SP22 Screen	208238	0.004 Slot x 12 in., Stainless Steel
	O-Ring Kit (SP22)	208095	Quantity: 10
	SP16 Grout Plug	601033	Quantity: 25

PVC Screens / Riser / Accessories

Components	Part	MN	Notes
	PVC Riser	201813	0.75 in. x 60 in.
	O-Ring (0.75 PVC Riser)	214070	Quantity: 25
	SP22 PVC Screen Head Plug Adapter	208102	.75 in.
	O-Ring Kit (SP22)	208095	Quantity: 10
	PVC Slotted Pipe	203101	0.75 x 60 in. (0.01-in. slot width)
	PVC Slotted Pipe	208318	.75 in. x 48 in., PVC, Quantity: 2
	PVC Slotted Pipe	600218	.75 in. x 15 in. (0.01-in. slot width)
	PVC Slotted Pipe	208319	.75 in. x 12 in., PVC, Quantity: 2
	PVC Bottom Plug	202059	0.75 in.
	SP22 PVC Screen Plug Kit	208296	Quantity: 10
	SP22 PVC Screen Holder	208316	1.25 Box, .75 PVC
	SP22 0.75 PVC to 1.25 Pin ASM	221598	

Isolated Screen Pump (ISP) Option

Components	Part	MN	Notes
	MBP/MSP SP22 Sealwich 0.75	236137	NEW
	SP22 Finger Rack Kit	240742	NEW
	O-Ring (SP22 Sealwich)	236687	Quantity: 10
	MBP/MSP Check Ball Stainless Steel	103212	Quantity: 10

SP22-ISP Groundwater Sampler
geoprobe.com/sp22-isp

This step by step video looks at SP22 Isolated Screen Pump (ISP).



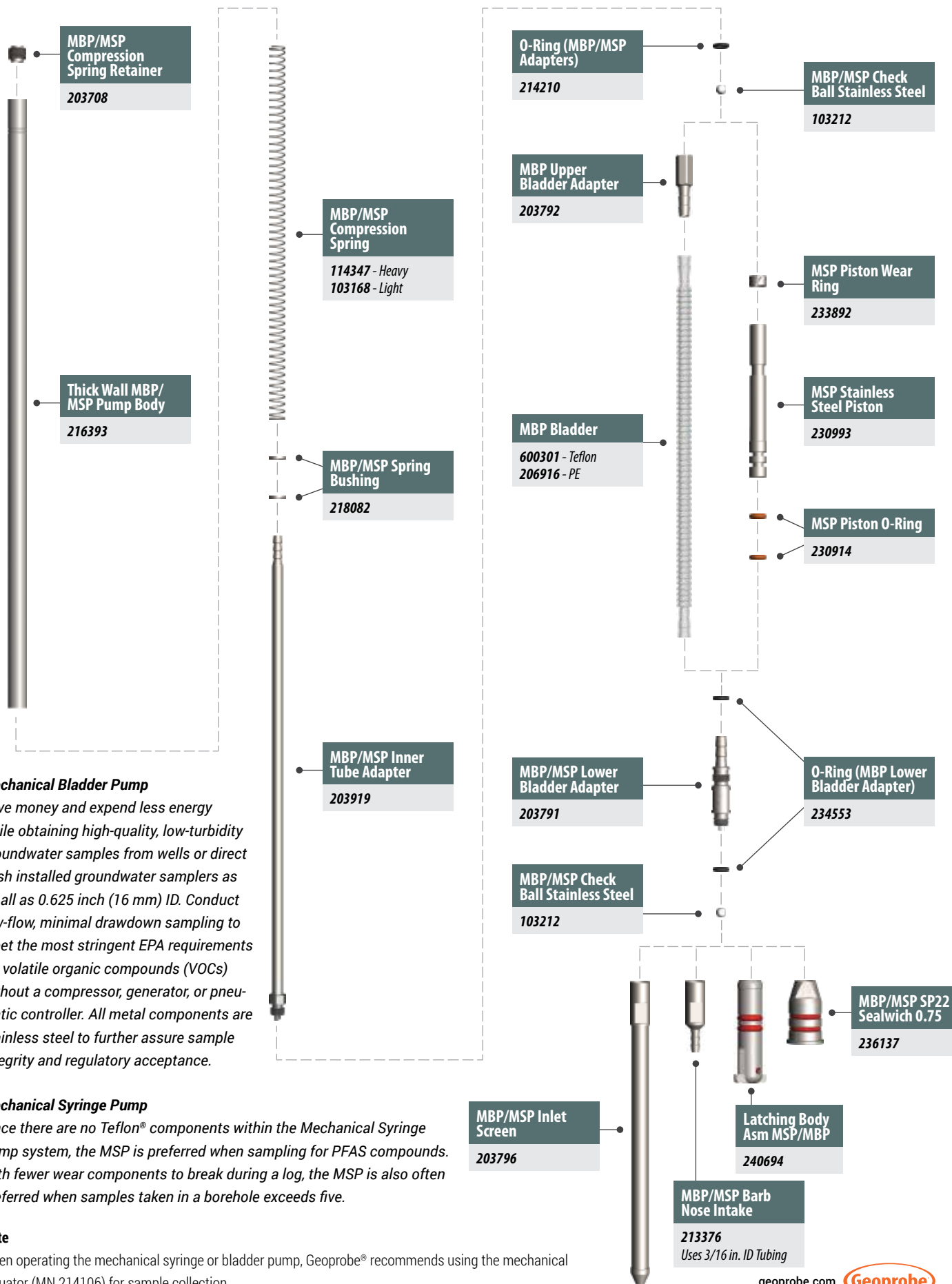
Mechanical Bladder & Syringe Pump

geoprobe.com/mbps



Geoprobe

785-825-1842



Mechanical Bladder Pump

Save money and expend less energy while obtaining high-quality, low-turbidity groundwater samples from wells or direct push installed groundwater samplers as small as 0.625 inch (16 mm) ID. Conduct low-flow, minimal drawdown sampling to meet the most stringent EPA requirements for volatile organic compounds (VOCs) without a compressor, generator, or pneumatic controller. All metal components are stainless steel to further assure sample integrity and regulatory acceptance.

Mechanical Syringe Pump

Since there are no Teflon® components within the Mechanical Syringe Pump system, the MSP is preferred when sampling for PFAS compounds. With fewer wear components to break during a log, the MSP is also often preferred when samples taken in a borehole exceeds five.

Note

When operating the mechanical syringe or bladder pump, Geoprobe® recommends using the mechanical actuator (MN 214106) for sample collection.

geoprobe.com



MECHANICAL BLADDER PUMP

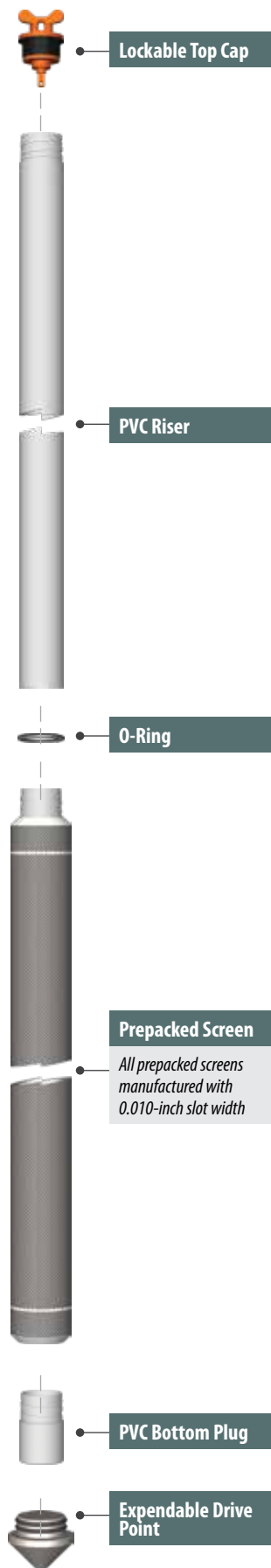
Components	Part	MN	Notes
	Mechanical Bladder Pump	214098	
	MBP Upper Bladder Adapter NEW	203792	
	MBP Corrugated Teflon Bladder	600301	Quantity: 1
	MBP Corrugated PE Bladder	206916	Quantity: 10
	Concentric MBP HDPE Tubing	214104	7/16" OD, PP 100 ft.
	Concentric MBP HDPE Tubing	214102	7/16" OD, FEP 100 ft.
	Concentric MBP HDPE Tubing	214103	7/16" OD, PE 100 ft.
	Concentric MBP HDPE Tubing	214100	7/16" OD, PE 50 ft.
	Concentric MBP HDPE Tubing	214101	7/16" OD, PP 50 ft.
	Concentric MBP HDPE Tubing	214099	7/16" OD, FEP 50 ft.
	MBP PVC Adapter	204163	2.0 in. x 1 in. NPT
	MBP PVC Adapter	203776	1.5 in. x 1 in. NPT
	Coupling 1 in. NPT PVC	600282	
	MBP PVC Adapter	203775	1.25 in. x 1 in. NPT
	MBP PVC Riser Adapter Kit	214109	
	MBP Well Mount Kit	214110	
	MBP Service Kit	214112	
	MBP Compression Spring Stainless Steel	103168	
	O-Ring (MBP PVC Adapter 2.0 in.)	103231	Quantity: 25

MECHANICAL SYRINGE PUMP

Components	Part	MN	Notes
	Mechanical Syringe Pump NEW	234560	
	MSP Piston Wear Ring NEW	233892	Quantity: 10
	MSP Stainless Steel Piston	230993	
	MSP Piston O-Ring	230914	Quantity: 10
	MSP Service Kit NEW	236511	
	O-Ring Installation Tool (MSP Piston) NEW	236023	
	HDPE Tubing NEW	117811	5/16 in. OD x 3/16 in. ID x 100 ft.

COMBINED COMPONENTS

Components	Part	MN	Notes
	MBP/MSP Compression Spring Retainer	203708	
	Thick Wall MBP/MSP Pump Body NEW	216393	
	MBP/MSP Heavy Compression Spring NEW	114347	
	MBP/MSP Spring Bushing NEW	218082	
	MBP/MSP Inner Tube Adapter	203919	
	O-Ring (MBP/MSP Adapters)	214210	Quantity: 25
	MBP/MSP Check Ball Stainless Steel	103212	Quantity: 10
	O-Ring (MBP/MSP Lower Bladder Adapter) NEW	234553	Quantity: 25
	MBP/MSP Lower Bladder Adapter	203791	
	MBP/MSP Inlet Screen	203796	
	MBP/MSP Barb Nose Intake	213376	Uses 3/16 in. ID Tubing
	Latching Body Asm MSP/MBP NEW	240694	
	MBP/MSP SP22 Sealwich 0.75 NEW	236137	
	MBP/MSP Electric Actuator	214106	12VDC
	Kit MBP/MSP 12VDC EL. ACT. Accessories	204950	
	MBP/MSP Hand Grip Outer Tubing Grip	204162	
	MBP/MSP Hand Grip Outer Tubing Adapter	203777	
	MBP/MSP Hand Grip Actuator	203778	
	MBP/MSP Cleaning Brush Kit	214111	
	Single Cigarette Lighter Plug to 32R	204703	
	32P to MBP/MSP Actuator	204701	Length: 15 ft.
	Battery Clips to 32R	204702	
	MBP/MSP Assembly Tool	203762	
	MBP/MSP Actuator Slotted Adapters Kit	218271	
	MBP/MSP Top Seal NEW	234817	
	HDPE Tubing NEW	114348	1/4 in. OD x .040 in. Wall x 500 ft.
	Polypropylene Tubing	601060	1/4 in. OD x 3/16 in. ID x 500 ft.
	FEP Tubing	214252	1/4 in. OD x 3/16 in. ID x 100 ft.



Designed for setting small diameter groundwater monitoring wells, prepacked screens consist of a standard, slotted PVC well screen pipe surrounded by a stainless steel mesh. Sand is prepacked around the slotted PVC before the well screen is installed, guaranteeing sand will be located directly around the well screen for quicker more efficient groundwater monitoring well installation.

Key Features

- No cuttings generated during installation
- Well seal and grouting meet EPA and ASTM D-5092 method requirements
- Minimal disturbance of natural formation conditions
- Minimal development and purge water generated for sampling, reducing time requirements and disposal costs
- Uses standard above-ground or flush-mount well protectors

Prepack Accessories

Components	Part	MN	Notes
	Well Cover	601074	4 in. OD x 12 in. LG, Aluminum
	Well Cover	601077	7 in. OD x 10 in. LG, Iron
	Tubing Check Valve	214063	5/8 in. OD Tubing
	Tubing Check Valve	214064	1/4 in. OD Tubing
	Tubing Check Valve	214062	1/2 in. OD Tubing
	Tubing Check Valve	214061	3/8 in. OD Tubing
	Polypropylene Tubing	601060	1/4 in. OD x 3/16 in. ID x 500 ft.
	Teflon Tubing	601061	1/4 in. OD x 3/16 in. ID x 500 ft.
	LDPE Tubing	601062	1/4 in. OD x 3/16 in. ID x 500 ft.
	PE Tubing	601063	3/8 in. OD x 1/4 in. ID x 500 ft.
	PE Tubing	601067	1/2 in. OD x 3/8 in. ID x 500 ft.
	PE Tubing	601068	5/8 in. OD x 1/2 in. ID x 100 ft.
	Sand Silica 20-40 Mesh	213876	75 lb. Bucket

0.75 in. Prepacks

Components	Part	MN	Notes
	Prepack	203095	0.75 in. ID x 1.4 in. OD x 60 in.
	PVC Slotted Pipe	203101	0.75 x 60 in. (0.01-in. slot width)
	PVC Riser	201813	0.75 in. x 60 in.
	PVC Bottom Plug	202059	0.75 in.
	Top Cap Black Vinyl	600148	.75 in. Riser
	Well Plug	601079	0.75 in. Riser, Non-locking, SCH 40
	Well Plug	601078	0.75 in. Riser, Locking, SCH 40
	O-Ring (0.75 PVC Riser)	214070	Quantity: 25
	2.25 in. Expendable Steel Point	213788	2.45 in. OD

1.0 in. Prepacks

Components	Part	MN	Notes
	Prepack	203096	1 in. ID x 2.5 in. OD x 60 in.
	PVC Slotted Pipe	202135	1 in. x 60 in. (0.01-in. slot width)
	PVC Riser	202136	1 in. x 60 in.
	PVC Bottom Plug	202137	1 in.
	Well Plug	601071	1 in. Riser, Locking, SCH 40
	Top Plug Red LDPE	114968	1 in. Riser
	O-Ring (1.0 PVC Riser)	102256	Quantity: 25
	3.25 in. Expendable Steel Point	213798	3.57 in. OD

1.5 in. Prepacks

Components	Part	MN	Notes
	Prepack	203079	1.5 in. ID x 2.5 in OD x 60 in.
	PVC Slotted Pipe	203080	1.5 in. x 60 in. (0.01-in. slot width)
	PVC Riser	203081	1.5 in. x 60 in.
	PVC Bottom Plug	203082	1.5 in.
	Well Plug	601072	1.5 in. Riser, Locking, SCH 40
	Top Plug Red LDPE	115080	1.5 in. Riser
	O-Ring (1.5 PVC Riser)	102881	Quantity: 25
	3.25 in. Expendable Steel Point	213798	3.57 in. OD

2.0 in. Prepacks

Components	Part	MN	Notes
	Prepack	206644	2 in. ID x 3.4 in. OD x 60 in.
	Slim Prepack	220282	2 in. ID x 2.8 in. OD x 60 in. (for 3.75 rods)
	PVC Riser	104378	2 in. x 60 in.
	PVC Slotted Pipe	104852	2 in. x 60 in. (0.01-in. slot width - no groove)
	PVC Bottom Plug	104397	2 in.
	Well Plug	601073	2 in. Riser, Locking, SCH 40
	Well Development Tool	116290	2 in., PVC
	LDPE Plug	115052	2 in. Riser
	4.5 in. Expendable Point Steel	207735	5 in. OD
	3.75 in. Expendable Point	219601	Use with Slim Prepacks

2 in. Prepack (206644) inside 4.5-in. Probe Rod



2 in. Slim Prepack (220282) inside 3.75-in. Probe Rod

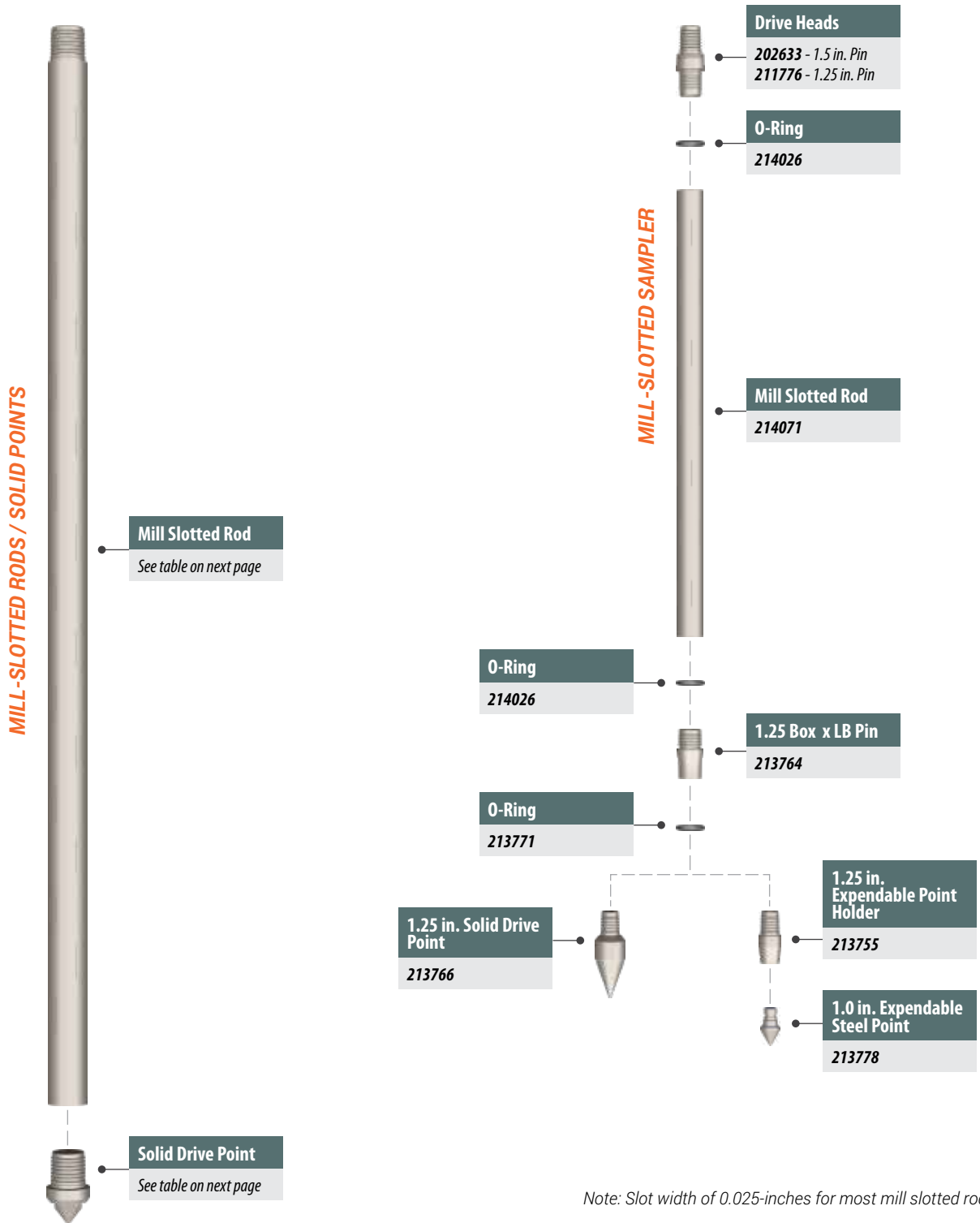
Mill-Slotted Rods (1.25 in. and larger)

geoprobe.com/mill-slotted







785-825-1842

Mill-Slotted Rods are available in multiple sizes and lengths to collect water samples through sands and also sample multiple depths in one push. The durable groundwater sampler is designed for water profiling in sand and gravel.






Note: Slot width of 0.025-inches for most mill slotted rods.



MILL-SLOTTED RODS / SOLID POINTS*Mill-Slotted Rods*

Components	Part	MN	Notes
 48 in.	Mill Slotted Rod	202832	3.25 in. OD x 48 in.
 60 in.	Mill Slotted Rod	213355	2.25 in. OD x 60 in.
 1M	Mill Slotted Rod	206865	2.25 in. OD x 1 m
 60 in.	Mill Slotted Rod	205029	1.5 in. OD x 60 in.

Solid Drive Points

Components	Part	MN	Notes
	3.25 in. Solid Drive Point	201273	3.5 in. OD
	2.25 in. Solid Drive Point	204764	2.5 in. OD
	1.5 in. Solid Drive Point	203909	1.5 in. OD



TUBING

Components	Part	MN	Notes
	PE Tubing	607063	3/8 in. OD x 1/4 in. ID x 500 ft.
 500 ft.	Tubing Check Valve	214061	3/8 in. OD Tubing




MILL-SLOTTED SAMPLER*Drive Heads*

Components	Part	MN	Notes
	SP16 Drive Head	202633	1.5 Pin, .625 in. Bore
	SP Drive Head	211776	1.25 Pin, 1.63 in. OD




Mill-Slotted Rods / Adapters

Components	Part	MN	Notes
 24 in.	Mill Slotted Rod	214071	1.5 in. OD x 24 in. LB Box
	1.25 Box x LB Pin	213764	1.68 in. S-S

Points / Holders

Components	Part	MN	Notes
	1.25 in. Solid Drive Point	213766	1.75 in. OD
	1.25 in. Expendable Point Holder	213755	1.25 in. OD 0.625 in. ID
	1.0 in. Expendable Steel Point	213778	1.1 in. OD

O-Rings

Components	Part	MN	Notes
	O-Ring (Drive Head)	214026	Quantity: 25
	O-Ring (1.25 in. Probe Rod)	213771	Quantity: 25
	O-Ring (2.25 in. Probe Rod)	213790	Quantity: 25

S-S (Shoulder to Shoulder)

9

Soil Vapor Implants & Post Run Tubing System (Direct Push)

geoprobe.com/prt

Direct push machines were initially designed specifically for soil gas sampling. Our first set of tools were manufactured to extract vapor samples. Before Geoprobe® tools and equipment were available, most soil gas sampling was done by manually advancing NPT pipe into the ground surface using a slam bar, often followed by using a bumper-style jack to remove the NPT pipe.

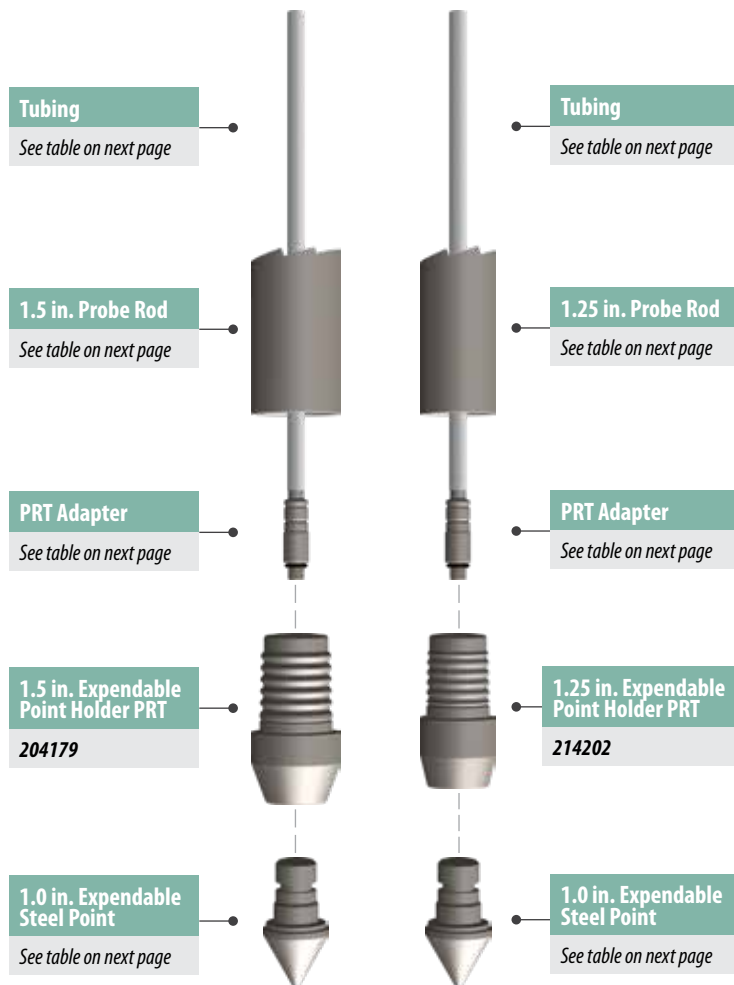
We then developed a simple, quick, cost-effective method for conducting soil gas sampling — Post Run Tubing (PRT) Systems and Soil Vapor Implants. The PRT method decreased labor costs, time requirements, and decontamination fluids generated for sample collection.

PRT Systems

geoprobe.com/prt




785-825-1842




Post Run Tubing (PRT) System allows the user to collect soil vapor samples quickly and easily at the desired sampling depth WITHOUT the time-consuming complications associated with rod leakage and contamination. O-ring connections enable the PRT system to deliver a vacuum-tight seal that prevents sample contamination from UP hole, and assures that the sample is taken from the desired depth at the BOTTOM of the hole. The resulting time savings translates into a higher productivity rate for you and your client.

1.5 IN. PROBE RODS

Probe Rods


1.5 in. Probe Rod	MN	Length	Weight	OD	ID
	201682	60 in.	25 lbs.	1.5 in.	0.625 in.
	202248	48 in.	20 lbs.		
	207261	36 in.	15 lbs.		
	202715	24 in.	10 lbs.		
	202714	12 in.	5 lbs.		
	205222	6 in.	2.5 lbs.		
	203193	1 m	16.4 lbs.		

Expendable Points / Holders


Components	Part	MN	Notes
	1.5 in. Expendable Point Holder PRT	204179	
	1.0 in. Expendable Steel Point	213778	1.1 in. OD
	1.0 in. Expendable Steel Point	213781	1.1 in. OD Quantity: 100
	PRT Expendable Point Popper	214207	

1.25 IN. PROBE RODS

Probe Rods


1.25 in. Probe Rod	MN	Length	Weight	OD	ID
	213773	60 in.	15.5 lbs.	1.25 in.	0.625 in.
	213769	48 in.	12.4 lbs.		
	213762	36 in.	9.3 lbs.		
	213758	24 in.	6.2 lbs.		
	213753	12 in.	3.1 lbs.		
	213752	6 in.	1.55 lbs.		
	213763	1 m	10.17 lbs.		

Expendable Points / Holders

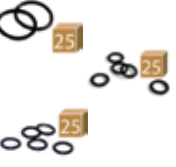
Components	Part	MN	Notes
	1.25 in. Expendable Point Holder PRT	214202	
	1.0 in. Expendable Steel Point	213778	1.1 in. OD
	1.0 in. Expendable Steel Point	213781	1.1 in. OD Quantity: 100
	PRT Expendable Point Popper	214207	

COMBINED COMPONENTS


PRT Adapters

Components	Part	MN	Notes
	PRT Adapter	214208	For 3/16 in. ID Tubing
	PRT Adapter	214211	For 1/4 in. ID Tubing
	PRT Adapter	214203	For 1/8 in. ID Tubing

O-Rings

Components	Part	MN	Notes
	O-Ring (MBP Adapters)	214210	Quantity: 25
	O-Ring (1.0 in. Expendable Point)	213782	Quantity: 25
	O-Ring (Gas Sampling Cap 1.25 in.)	213776	Quantity: 25

Tubing

Components	Part	MN	Notes
	LDPE Tubing	601062	1/4 in. OD x 3/16 in. ID x 500 ft.
	PE Tubing	601063	3/8 in. OD x 1/4 in. ID x 500 ft.
	Teflon Tubing	214253	1/4 in. OD x 3/16 in. ID x 50 ft.
	Teflon Tubing	601064	5/16 in. OD x 1/4 in. ID X 50 ft.
	Teflon Tubing	601057	1/4 in. OD x 1/8 in. ID x 50 ft.
	Nylon Tubing	600144	3/8 in. OD x 1/4 in. ID x 100 ft.

Accessories

Components	Part	MN	Notes
	Gas Sampling Cap	213775	1.25 in. Box, For 1/4 in. ID Tubing

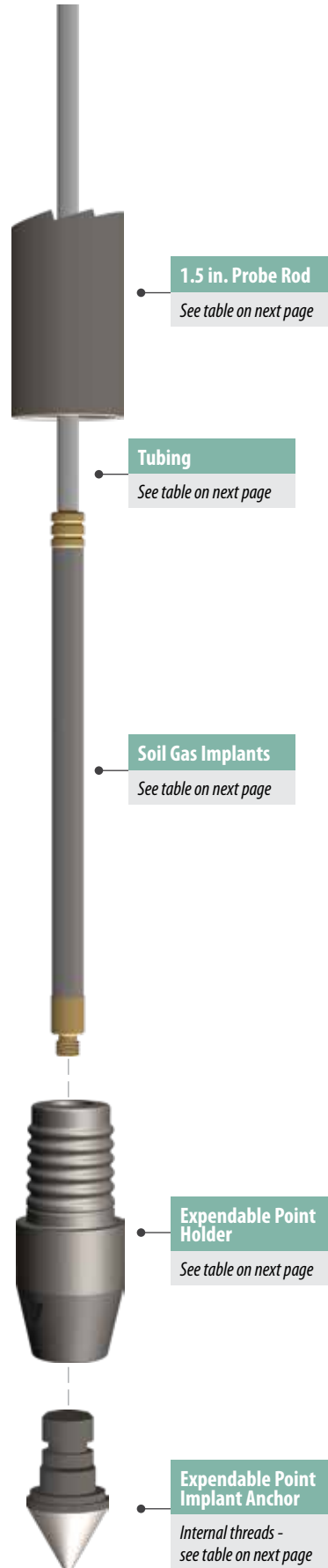
Soil Vapor Implants

geoprobe.com/vapor-implants




785-825-1842

Soil Vapor Implants are convenient and inexpensive devices for both long-term soil gas monitoring, air sparging, and groundwater sampling. The double woven, stainless steel wire screens can be inserted down the bore hole of a probe rod and anchored at depth and are available in a variety of lengths.






Probe Rods

1.5 in. Probe Rod	MN	Length	Weight	OD	ID
	201682	60 in.	25 lbs.	1.5 in.	0.625 in.
	202248	48 in.	20 lbs.		
	207261	36 in.	15 lbs.		
	202715	24 in.	10 lbs.		
	202714	12 in.	5 lbs.		
	205222	6 in.	2.5 lbs.		
	203193	1 m	16.4 lbs.		


Tubing

Components	Part	MN	Notes
	PE Tubing	601067	1/2 in. OD x 3/8 in. ID x 500 ft.
	PE Tubing	601063	3/8 in. OD x 1/4 in. ID x 500 ft.
	LDPE Tubing	601062	1/4 in. OD x 3/16 in. ID x 500 ft.
	Teflon Tubing	601057	1/4 in. OD x 1/8 in. ID x 50 ft.
	Teflon Tubing	214253	1/4 in. OD x 3/16 in. ID x 50 ft.
	Teflon Tubing	601064	5/16 in. OD x 1/4 in. ID x 50 ft.
	Nylon Tubing	600144	3/8 in. OD x 1/4 in. ID x 100 ft.
	FEP Tubing	214252	1/4 in. OD x 3/16 in. ID x 100 ft.
	Silicone Tubing Adapter	213746	Quantity: 10


Soil Gas Implants

Components	Part	MN	Suggested Sampling Use	Recommended Tubing Size	Geoprobe® Tubing	Length	End Fitting
	Soil Gas Implant	213859	Soil Gas	.17 in. ID (4.3 mm ID)	601062	6 in. (152 mm)	Barbed
	Soil Gas Implant	213861	Soil Gas, Shallow Groundwater	.25 in. ID (6.4 mm ID)	601063	6 in. (152 mm)	Barbed
	Soil Gas Implant	213865	Soil Gas	.25 in. ID (6.4 mm ID)	-	6 in. (152 mm)	Swagelok™


Soil Gas Implants (1.25 in & 1.5 in. Probe Rods Only)

Components	Part	MN	Suggested Sampling Use	Recommended Tubing Size	Geoprobe® Tubing	Length	End Fitting
	Soil Gas Implant	213877	Soil Gas, Shallow Groundwater	Any plastic tubing .25 in. ID to .4375 in. ID (6.4 mm ID to 11 mm ID)	601067	12 in. (305 mm)	Tapered Screw Thread
	Soil Gas Sparge Implant	213878	Soil Gas, Shallow Groundwater, Sparging		601067	12 in. (305 mm)	Tapered Screw Thread

Expendable Points / Holders

Components	Part	MN	Notes
	1.25 in. Expendable Point Holder	213755	1.25 in. OD 0.625 in. ID
	1.5 in. Expendable Point Holder	203895	1.5 in. OD 0.625 in. ID
	1 in. Expendable Point Soil Gas Implant Anchor	214205	Internal threads
	O-Ring (1.0 in. Expendable Point)	213782	Quantity: 25

Glass Beads

Components	Part	MN	Notes
	Glass Bead 60-100 Mesh	213849	250 ML
	Glass Bead / Bentonite Mix	213851	250 ML
	Glass Bead 60-100 Mesh	600995	50 lb. Pail
	Glass Bead / Bentonite Mix	213875	50 lb. Pail

10

Grouting & Injection

geoprobe.com/grouting-injection



Pressure Activated Injection Probes

Grouting isn't glamorous, so we've tried to make it as painless as possible.

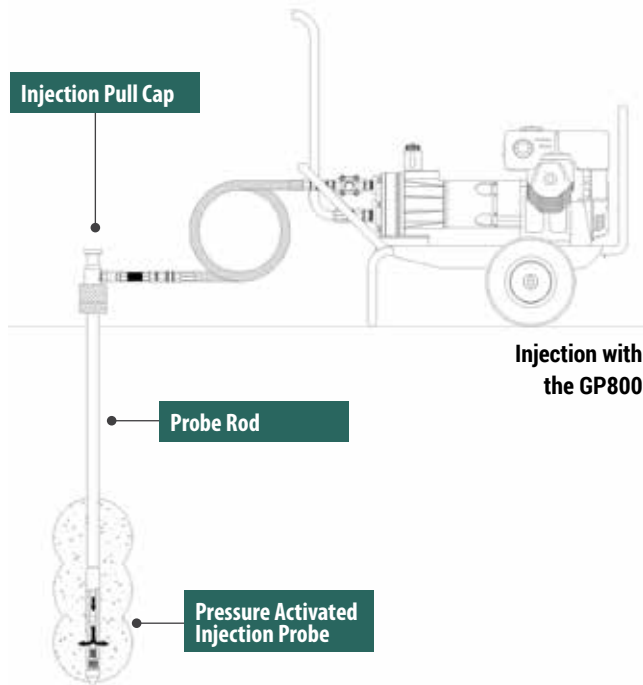
GP300 and GP350 are designed primarily for injection of high viscosity hydrogen release compound (HRC). These grouting systems are capable of standard bentonite grout mixes and most other remediation materials.

GP800 is designed to withstand the corrosiveness of oxidizers when injecting permanganates and peroxides as well as the high-injection volume requirements of these materials.

GP800

geoprobe.com/gp800

Components	Part	MN	Notes
	GP800 Injection Pump	213991	
	DP800 Suction Hose	203471	6 ft.
	DP800 Injection Hose	203472	15 ft., Stainless Steel Jacket
	DP800 Pressure Relief Hose	203837	4 ft.



GP350

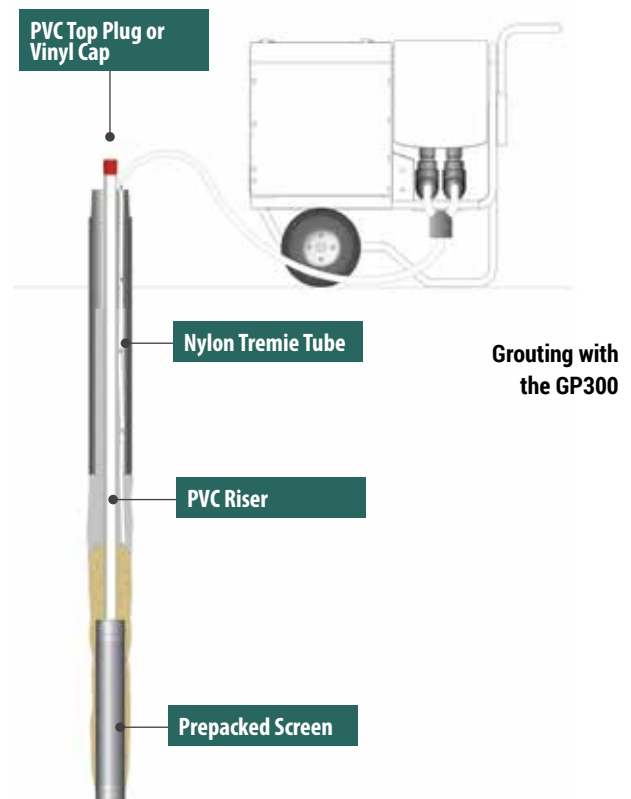
geoprobe.com/gp350

Components	Part	MN	Notes
	GP350 Injection / Grout System	213988	
	Grout Hopper Strainer	202853	
	Power Cord / Hydraulic Hose	210736	20 ft., GP350
	Flow Combiner	202926	

GP300

geoprobe.com/gp300

Components	Part	MN	Notes
	GP300 Injection / Grout System	213987	
	Grout Hopper Strainer	202853	
	Flow Combiner	202926	



Tools and Accessories

Components	Part	MN	Notes
	2.25 in. Grout / Injection Pull Cap	207845	3/4 in. Quick Connect Hose
	O-Ring	105017	Used in 207845
	2.25 in. Pressure Activated Injection Probe	209375	
	Pressure Activated Injection Probe Check Valve Kit	203849	
	O-Ring	100402	For Check Valve
	O-Ring	102274	For Injection Point
	O-Ring	100397	For Injection Point Shoe
	2.25 in. Injection Probe Spring	116171	
	1.5 in. Grout / Injection Pull Cap	202930	1/2 in. Quick Connect Hose
	1.5 in. Pressure Activated Injection Probe	203904	4 x 1/4 in. Ports
	1.25 in. Grout / Injection Pull Cap	202929	1/2 in. Quick Connect Hose
	1.25 in. Pressure Activated Injection Probe	203387	4 ports
	1.5/1.25 Pressure Activated Injection Probe Replacement Spring	102892	100 psi
	1.5/1.25 Pressure Activated Injection Probe Replacement Spring	104815	50 psi
	O-Ring (Grout / Injection Pull Cap / Hose)	203208	Quantity: 5
	O-Ring (Grout / Injection Pull Cap / Hose VT)	103152	Quantity: 5
	Grout Line Pressure Relief	203870	3/4 in. Quick Connect
	Grout Line - 1000 PSI Gauge & Relief Valve	214007	1/2 in. Quick Connect
	Grout Line - 1000 PSI Gauge & Relief Valve	202362	3/4 in. Quick Connect
	Grout Line - 3000 PSI Gauge & Relief Valve	202360	3/4 in. Quick Connect
	Injection Hose w/ Ball Valve 1.5	202976	3/4 in. Quick Connect
	Injection Hose w/ Ball Valve 1.25	202357	3/4 in. Quick Connect
	Grout Hose High Pressure	214004	30 ft. x 3/8 w/ 1/2 in. Quick Connect
	Grout Hose High Pressure	214003	20 ft. x 3/8 w/ 1/2 in. Quick Connect
	Grout Hose High Pressure	214002	10 ft. x 3/8 w/ 1/2 in. Quick Connect
	Grout Hose High Pressure	212640	12 ft. x 3/4 w/ 3/4 in. Quick Connect
	Grout Hose High Pressure	203197	12 ft. x 1/2 w/ 3/4 in. Quick Connect
	Nylon Tubing	600144	3/8 in. OD x 1/4 in. ID x 100 ft.

Tools and Accessories

Components	Part	MN	Notes
	Grout Tubing Adapter	214005	3/8 in. BARB
	Grout Tubing Clamp	214006	
	Grout Spatula	107471	40 in.
	Grout Measuring Scoop	107472	2 quart
	Bentonite 200 Mesh Powder	600992	50 lb. Bag
	O-Ring	103157	Quantity: 25

Service Parts

Components	Part	MN	Notes
	Grout Machine Outlet Ball Retainer	202200	
	T-Valve Section w/Steel Ball	202863	For use with GP300/350, 00/1000/2000/2200
	Outlet Check Ball	214380	Modified 1.25 in.
	Spring Ext	102642	.359 OD x 1.25 LG x .045
	T-Valve Section w/Nylon Ball	202203	For use with GP300/350, 00/1000/2000/2200.
	Inlet Ball Retainer	200488	GP300/350, GS500/ GS1000
	T-Valve ASM w/Nylon Ball	204961	GS500/1000
	Outlet Ball Retainer	200718	GS500/1000
	T-Valve Rebuild Kit	213997	GS500/1000
	Grout Cylinder Cup Replacement Kit	213999	GS500/1000
	Piston Cup Rebuild Kit	214000	GS500/1000
	Hydraulic Cylinder Seal Kit	214001	GS500/1000
	Injection Cylinder	202746	GS2000/GS2200
	Hydraulic Cylinder Seal Kit	202942	GS2000/GS2200
	Piston Cup Rebuild Kit	202943	GP300/350, GS2000/2200
	VITON Piston Cup Kit	203216	GP300/350, GS2000/2200
	T-Valve Rebuild Kit	202944	GP300/350, GS2000/2200
	VITON T-Valve Kit	203215	GP300/350, GS2000/2200
	Diaphragm / Seal Repair Kit	600293	

A full family of sonic tooling includes casing in a wide range of sizes, bits to match, inner rods, samplers, liners, and retainers. All of this sonic tooling is available from your single Geoprobe® source and includes unique sonic soil sampling systems available only from Geoprobe®.

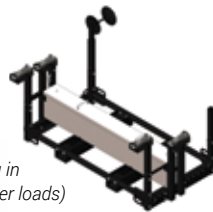
Geoprobe® sonic casing is designed so that each incremental casing is sized with bit clearances and annular space in mind, uniquely designed so that each incremental casing size works efficiently with the next. Notice the similarities in the annular space between the casing sizes in the diagram. This results in a very efficient combination of casings for use in conventional sonic sampling applications such as 4x6, 6x8, or 8x10.

All sizes of Geoprobe® sonic casing are made from aircraft quality alloy steel with heat treated tool joints. All heat treatment, metal improvement, and machining is performed by Geoprobe Systems® to give you the high quality and consistency you have come to expect in a Genuine Geoprobe® product.

Geoprobe® sonic tooling joints are engineered for ease of make-up and break-out with no galling or deforming in the thread area. Field operators report they can immediately tell the difference.

What's New

- *Hardfaced Carbide Bits*
- *Improved Sonic Core Catchers*
- *4x6 Rack (Holds 100 ft. of both 4.5 in. and 6 in. casing in standard configuration, adjustable to accommodate other loads)*



Geoprobe® 4.5 in. Heavy Duty (HD) Sonic Drill Rod

Increased tool joint strength holds up to the harshest sonic drilling conditions, lasting longer, which saves you time and money.

- *Consists of two pieces – the sonic drill rod and the coupler.*
- *Larger cross section on tool joint strengthens the drill rod and maximizes overall thread life.*
- *Breakout flats on the coupler minimize wear on the jaw pads when breaking tool joints apart.*
- *Engineered to withstand continuous use in harsh conditions and complement the 8150LS full-size sonic rig with 50K dynamic force.*
- *Continuously sample and set casing in excess of 300 ft. in a wide range of formations.*

geoprobe.com/4.5-sonic-hd



A two man crew was able to obtain high-quality samples in a difficult subsurface formation using the Geoprobe® 8150LS and 4.5-inch HD sonic drill rods.



Geoprobe® 4.5 in. Heavy Duty (HD) sonic drill rod (front) and traditional sonic drill rod (back).

9.625 in. SONIC CASING

OD: 9.625 in. / ID: 8.755 in.
Weight: 43.5 lbs./ft

10 in.
(9.625 in.)

7.625 in. SONIC CASING

OD: 7.625 in. / ID: 6.765 in.
Weight: 33.7 lbs./ft

8 in.
(7.625 in.)

6.0 in. SONIC CASING

OD: 6.0 in. / ID: 5.25 in.
Weight: 22.5 lbs./ft

6 in.

4.5 in. SONIC CASING

OD: 4.5 in. / ID: 3.75 in.
Weight: 16.5 lbs./ft

4.5 in.

HD | 4.5 in.

4.5 in. HD SONIC CASING

COUPLER: OD: 4.5 in. / ID: 3.00 in.
MIDBODY: OD: 4.5 in. / ID: 3.75 in.
Weight: 18.9 lbs./ft

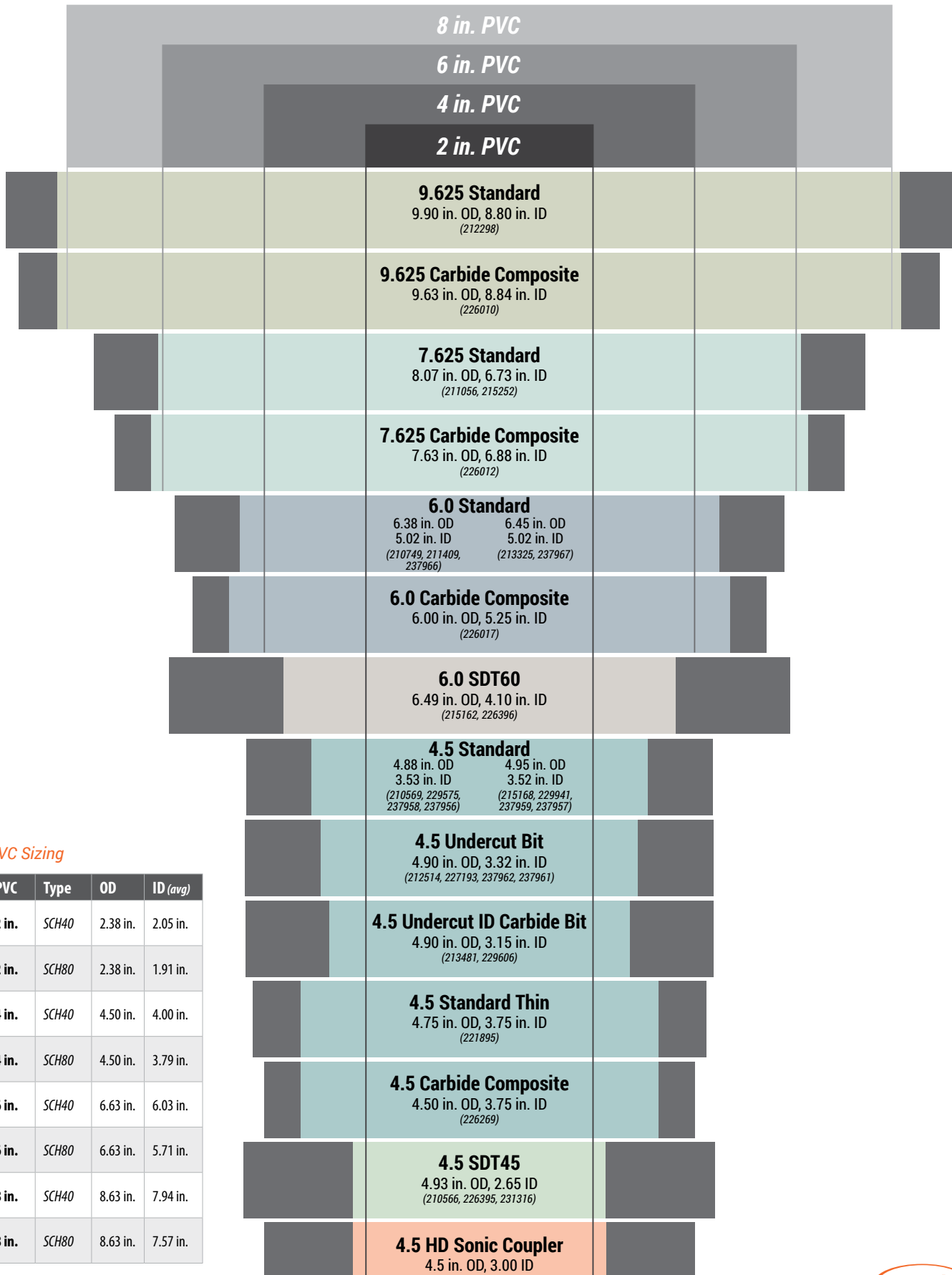
PVC Casing Diameters for Sonic Bits

geoprobe.com/sonic-pvc



785-825-1842

The graphic below illustrates how common PVC well sizes fit into the ID of Geoprobe® sonic bits.



PVC Sizing

PVC	Type	OD	ID (avg)
2 in.	SCH40	2.38 in.	2.05 in.
2 in.	SCH80	2.38 in.	1.91 in.
4 in.	SCH40	4.50 in.	4.00 in.
4 in.	SCH80	4.50 in.	3.79 in.
6 in.	SCH40	6.63 in.	6.03 in.
6 in.	SCH80	6.63 in.	5.71 in.
8 in.	SCH40	8.63 in.	7.94 in.
8 in.	SCH80	8.63 in.	7.57 in.



Traditional Sonic - Carbide Button Bits

Components	Part	MN	Notes
	4.5 in. Sonic Bit RHSL, Dome	229575	4.88 in. OD 3.53 in. ID
	4.5 in. Sonic Bit RHSL, Para	229941	4.95 in. OD 3.52 in. ID
	4.5 in. Sonic Bit RHSL, Dome Hardfaced	237958	4.88 in. OD 3.53 in. ID
	4.5 in. Sonic Bit RHSL, Para Hardfaced	237959	4.95 in. OD 3.52 in. ID
	4.5 in. Sonic Bit RHSL Undercut, Para	227193	4.90 in. OD 3.32 in. ID
	4.5 in. Sonic Bit RHSL Undercut, Para Hardfaced	237962	4.90 in. OD 3.32 in. ID
	4.5 in. Sonic Bit RHSL Undercut ID Carbide, Para	229606	4.90 in. OD 3.15 in. ID
	4.5 in. Sonic Bit LHSL, Dome	210569	4.88 in. OD 3.53 in. ID
	4.5 in. Sonic Bit LHSL, Para	215168	4.95 in. OD 3.52 in. ID
	4.5 in. Sonic Bit LHSL, Dome Hardfaced	237956	4.88 in. OD 3.53 in. ID
	4.5 in. Sonic Bit LHSL, Para Hardfaced	237957	4.95 in. OD 3.52 in. ID
	4.5 in. Sonic Bit LHSL Undercut, Para	212514	4.90 in. OD 3.32 in. ID
	4.5 in. Sonic Bit LHSL Undercut, Para Hardfaced	237961	4.90 in. OD 3.32 in. ID
	4.5 in. Sonic Bit LHSL Undercut ID Carbide, Para	213481	4.90 in. OD 3.15 in. ID
	4.5 in. Sonic Bit LHSL, Para	221895	4.75 in. OD 3.75 in. ID
	6.0 in. Sonic Bit RHSL, Dome	210749	6.38 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL, Para	213325	6.45 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL, Dome Hardfaced	237966	6.38 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL, Para Hardfaced	237967	6.45 in. OD 5.02 in. ID
	6.0 in. Sonic Bit LHSL, Dome	211409	6.38 in. OD 5.02 in. ID
	6.0 in. Sonic Bit LHSL ID Carbide, Dome	216273	6.38 in. OD 4.71 in. ID
	7.625 in. Sonic Bit RHSL, Dome	211056	8.07 in. OD 6.73 in. ID
	7.625 in. Sonic Bit LHSL, Dome	215252	8.07 in. OD 6.73 in. ID
	9.625 in. Sonic Bit RHSL, Dome	212298	9.90 in. OD 8.80 in. ID

Conventional Sonic - Carbide Composite Bits

Components	Part	MN	Notes
	4.5 in. Sonic Bit LHSL CC	226269	4.50 in. OD 3.75 in. ID
	6.0 in. Sonic Bit RHSL CC	226017	6.00 in. OD 5.25 in. ID
	7.625 in. Sonic Bit RHSL CC	226012	7.63 in. OD 6.88 in. ID
	9.625 in. Sonic Bit RHSL CC	226010	9.63 in. OD 8.84 in. ID

Conventional Sonic - Flapper Bits

Components	Part	MN	Notes
	4.5 in. Sonic Bit LHSL Flapper Single	226328	4.75 in. OD 3.75 in. ID
	4.5 in. Sonic Bit LHSL Flapper Double	224628	4.75 in. OD 3.75 in. ID

Dual Tube Sonic Bits

Components	Part	MN	Notes
	4.5 in. Sonic Bit RHSL SDT45, Dome	231316	4.93 in. OD 2.65 in. ID
	4.5 in. Sonic Bit RHSL SDT45, Para	223864	4.93 in. OD 2.65 in. ID
	4.5 in. Sonic Bit LHSL SDT45, Dome	226395	4.93 in. OD 2.65 in. ID
	4.5 in. Sonic Bit LHSL SDT45, Para	210566	4.93 in. OD 2.65 in. ID
	6.0 in. Sonic Bit RHSL SDT60, Dome	226396	6.49 in. OD 4.10 in. ID
	6.0 in. Sonic Bit RHSL SDT60, Para	215162	6.49 in. OD 4.10 in. ID

Full Face Sonic Bits

Components	Part	MN	Notes
	4.5 in. Sonic Bit RHSL Full Face, Para	229954	4.88 in. OD
	4.5 in. Sonic Bit RHSL Full Face, Dome	229961	6.23 in. OD
	4.5 in. Sonic Bit RHSL Full Face, Para	229957	6.23 in. OD
	4.5 in. Sonic Bit LHSL Full Face, Para	215779	4.88 in. OD
	4.5 in. Sonic Bit LHSL Full Face, Dome	218682	6.23 in. OD
	4.5 in. Sonic Bit LHSL Full Face, Para	218923	6.23 in. OD
	6.0 in. Sonic Bit RHSL Full Face, Para	222884	6.35 in. OD

Spindle Adapters

Components	Part	MN	Notes
	GV5 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	218880	
	GV4 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	211278	

4.5 in. Sonic Casing LHSL

Components	MN	Length	Weight	OD	ID
	210172	120 in.	165 lbs.	4.5 in.	3.75 in.
	210495	60 in.	82.5 lbs.		
	210563	24 in.	33 lbs.		
	210602	12 in.	16.5 lbs.		

Core Catchers

Components	Part	MN	Notes
	4.5 in. Sonic Core Catcher	209675	LH
	4.5 in. Sonic Core Catcher	231171	LH, Short
	4.5 in. Sonic Core Catcher	213151	LH, Thin

Expendable Points / Holders

Components	Part	MN	Notes
	4.5 in. Sonic Expendable Point Holder LHSL	210600	
	4.5 in. Sonic Locking Expendable Point	209984	

Subs / Adapters

Components	Part	MN	Notes
	4.5 LHSL Box x 7.625 LHSL Pin	212893	5.40 in. S-S
	4.5 LHSL Box x 6.0 LHSL Pin	211647	11.00 in. S-S
	4.5 LHSL Box x 4.5 LHSL Pin	212679	4.00 in. S-S Sub Saver
	3.5 LHSL Pin x 4.5 LHSL Pin	211122	5.50 in. S-S

Accessories

Components	Part	MN	Notes
	4.5 in. Swivel Lift Cap LHSL	210606	Pin
	4.5 in. Taper Tap LHSL	216804	
	Rod Wiper Donut	600448	4.5 in.
	Thread Compound	600729	1 Gallon

Bits

Components	Part	MN	Notes
	4.5 in. Sonic Bit LHSL, Dome	210569	4.88 in. OD 3.53 in. ID
	4.5 in. Sonic Bit LHSL, Para	215168	4.95 in. OD 3.52 in. ID
	4.5 in. Sonic Bit LHSL, Dome Hardfaced	237956	4.88 in. OD 3.53 in. ID
	4.5 in. Sonic Bit LHSL, Para Hardfaced	237957	4.95 in. OD 3.52 in. ID
	4.5 in. Sonic Bit LHSL Undercut, Para	212514	4.90 in. OD 3.32 in. ID
	4.5 in. Sonic Bit LHSL Undercut, Para Hardfaced	237961	4.90 in. OD 3.32 in. ID
	4.5 in. Sonic Bit LHSL Undercut ID Carbide, Para	213481	4.90 in. OD 3.15 in. ID
	4.5 in. Sonic Bit LHSL, Para	221895	4.75 in. OD 3.75 in. ID
	4.5 in. Sonic Bit LHSL CC	226269	4.50 in. OD 3.75 in. ID
	4.5 in. Sonic Bit LHSL Flapper Single	226328	4.75 in. OD 3.75 in. ID
	4.5 in. Sonic Bit LHSL Flapper Double	224628	4.75 in. OD 3.75 in. ID
	4.5 in. Sonic Bit LHSL SDT45, Dome	226395	4.93 in. OD 2.65 in. ID
	4.5 in. Sonic Bit LHSL SDT45, Para	210566	4.93 in. OD 2.65 in. ID
	4.5 in. Sonic Bit LHSL Full Face, Para	215779	4.88 in. OD
	4.5 in. Sonic Bit LHSL Full Face, Dome	218682	6.23 in. OD
	4.5 in. Sonic Bit LHSL Full Face, Para	218923	6.23 in. OD

Key
 S-S (Shoulder to Shoulder)
 LH (Left Hand)
 RH (Right Hand)
 CC (Carbide Composite)

4.5 in. Sonic Tooling HD RHSL

geoprobe.com/4.5-sonic-hd



785-825-1842

Spindle Adapters

Components	Part	MN	Notes
	GV5 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL	228765	HD
	GV4 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL NEW	234730	HD

4.5 in. HD Sonic Rod RHSL Midbody

Components	MN	Length	Weight	OD	ID
	226643	120 in.	189 lbs.	4.5 in.	3.75 in.
	226634	60 in.	94.5 lbs.		
	226641	24 in.	37.8 lbs.		

Sampler Barrel

Components	Part	MN	Notes
	4.5 in. Sonic Sampler Barrel RHSL	227183	60 in.
		223849	12 in.
		229565	6 in.

Core Catchers

Components	Part	MN	Notes
	4.5 in. Sonic Core Catcher	227260	RH
	4.5 in. Sonic Core Catcher	231159	RH, Short

Accessories

Components	Part	MN	Notes
	4.5 in. HD Swivel Lift Cap RHSL	228940	Pin
	4.5 in. HD Taper Tap NEW	236068	Midbody
		239860	Coupler
	Rod Wiper Donut	600448	4.5 in.
	Thread Compound	600729	1 Gallon

Bits

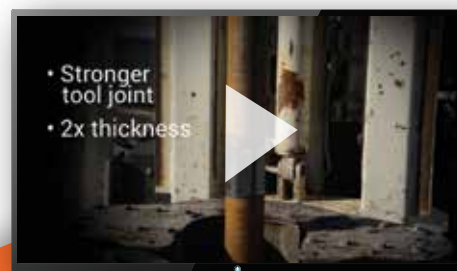
Components	Part	MN	Notes
	4.5 in. Sonic Bit RHSL, Dome	229575	4.88 in. OD 3.53 in. ID
	4.5 in. Sonic Bit RHSL, Para	229941	4.95 in. OD 3.52 in. ID
	4.5 in. Sonic Bit RHSL, Dome Hardfaced	237958	4.88 in. OD 3.53 in. ID
	4.5 in. Sonic Bit RHSL, Para Hardfaced	237959	4.95 in. OD 3.52 in. ID
	4.5 in. Sonic Bit RHSL Undercut, Para	227193	4.90 in. OD 3.32 in. ID
	4.5 in. Sonic Bit RHSL Undercut, Para Hardfaced NEW	237962	4.90 in. OD 3.32 in. ID
	4.5 in. Sonic Bit RHSL Undercut ID Carbide, Para	229606	4.90 in. OD 3.15 in. ID
	4.5 in. Sonic Bit RHSL SDT45, Dome	231316	4.93 in. OD 2.65 in. ID
	4.5 in. Sonic Bit RHSL SDT45, Para	223864	4.93 in. OD 2.65 in. ID
	4.5 in. Sonic Bit RHSL Full Face, Para	229954	4.88 in. OD
	4.5 in. Sonic Bit RHSL Full Face, Dome	229961	6.23 in. OD
	4.5 in. Sonic Bit RHSL Full Face, Para	229957	6.23 in. OD

Coupler / Subs / Adapters

Components	Part	MN	Notes
	4.5 in. HD Sonic Rod RHSL Coupler	226658	4.5 in. OD 3.0 in ID
	SUB 4.5 in. HD RHSL Box to 4.5 RHSL Pin	227102	
	4.5 HD Box x 6.0 RHSL Pin	226740	4.00 in. S-S
	4.5 HD Pin x 6.0 RHSL Box	226741	8.50 in. S-S
	4.5 HD Box x 4.5 HD Pin	229271	4.00 in. S-S Sub Saver

4.5 in. HD Sonic Rods

geoprobe.com/4.5-sonic-hd



Go "Behind the Design" to find out the engineering perspective on our HD sonic tooling.

Spindle Adapters

Components	Part	MN	Notes
	GV5 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	218880	
	GV5 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL	228765	HD
	GV4 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	211278	
	GV4 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL	234730	HD

6.0 in. Sonic Casing RHSL

Components	MN	Length	Weight	OD	ID
	210979	120 in.	225 lbs.	6.0 in.	5.25 in.
	210648	60 in.	112.5 lbs.		
	211174	24 in.	45 lbs.		
	211277	18 in.	33.75 lbs.		
	212350	12 in.	22.5 lbs.		
	212351	6 in.	11.25 lbs.		

Sampler Barrel LHSL

Components	Part	MN	Notes
	6.0 in. Sonic Sampler Barrel LHSL	211383	60 in.
	6.0 in. Sonic Sampler Barrel LHSL	222663	12 in.

Core Catchers

Components	Part	MN	Notes
	6.0 in. Sonic Core Catcher	211107	RH
	6.0 in. Sonic Core Catcher	231193	RH, Short
	6.0 in. Sonic Core Catcher	211746	LH
	6.0 in. Sonic Core Catcher	231202	LH, Short

Accessories

Components	Part	MN	Notes
	6.0 in. Threadless Pin Sand Slip	216182	
	6.0 in. Swivel Lift Cap RHSL	210649	Pin
	6.0 in. Taper Tap	226847	RH
	Core Bags (6x8)	114850	10 in. flat x 725 ft.
	Rod Wiper Donut	600624	6.0 in.
	Thread Compound	600729	1 Gallon

Bits

Components	Part	MN	Notes
	6.0 in. Sonic Bit RHSL, Dome	210749	6.38 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL, Para	213325	6.45 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL, Dome Hardfaced	237966	6.38 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL, Para Hardfaced	237967	6.45 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL CC	226017	6.00 in. OD 5.25 in. ID
	6.0 in. Sonic Bit RHSL SDT60, Dome	226396	6.49 in. OD 4.10 in. ID
	6.0 in. Sonic Bit RHSL SDT60, Para	215162	6.49 in. OD 4.10 in. ID
	6.0 in. Sonic Bit RHSL Full Face, Para	222884	6.35 in. OD
	6.0 in. Sonic Bit LHSL, Dome	211409	6.38 in. OD 5.02 in. ID
	6.0 in. Sonic Bit LHSL ID Carbide, Dome	216273	6.38 in. OD 4.71 in. ID

Subs / Adapters

Components	Part	MN	Notes
	6.0 RHSL Box x 9.625 RHSL Pin	212962	10.00 in. S-S
	6.0 RHSL Box x 7.625 RHSL Pin	228177	10.50 in. S-S, Long
	6.0 RHSL Box x 7.625 RHSL Pin	212218	4.00 in. S-S
	4.5 HD Box x 6.0 RHSL Pin	226740	4.00 in. S-S
	4.5 HD Pin x 6.0 RHSL Box	226741	8.50 in. S-S
	4.5 LHSL Box x 6.0 LHSL Pin	211647	11.00 in. S-S
	3.5 LHSL Pin x 6.0 LHSL Pin	211412	8.00 in. S-S
	Adapter 6.0 RHSL to 2.25 Welded 9.3L	212343	
	Adapter 6.0 RHSL to 2.25 Welded 6.0L	215236	

Key
 S-S (Shoulder to Shoulder)
 LH (Left Hand)
 RH (Right Hand)
 CC (Carbide Composite)

Spindle Adapters

Components	Part	MN	Notes
	GV5 ADPT 6.0 RHSL x 4.5 LHSL	218880	
	GV5 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL	228765	HD
	GV5 ADPT 7.625 RHSL	229302	Bolt On
	GV4 ADPT 6.0 RHSL x 4.5 LHSL	211278	
	GV4 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL NEW	234730	HD
	GV4 ADPT 7.625 RHSL	211060	Bolt On, Requires: 211154

7.625 in. Sonic Casing RHSL

Components	MN	Length	Weight	OD	ID
	211216	120 in.	337 lbs.	7.625 in.	6.765 in.
	211055	60 in.	168.5 lbs.		
	211380	24 in.	67.4 lbs.		

Sampler Barrel LHSL

Components	Part	MN	Notes
	7.625 in. Sonic Sampler Barrel LHSL	215250	60 in.

Accessories

Components	Part	MN	Notes
	7.625 in. Lift Cap RHSL	211301	Pin
	Rod Wiper Donut	106478	7.625 in.
	Thread Compound	600729	1 Gallon

Bits

Components	Part	MN	Notes
	7.625 in. Sonic Bit RHSL, Dome	211056	8.07 in. OD 6.73 in. ID
	7.625 in. Sonic Bit RHSL CC	226012	7.63 in. OD 6.88 in. ID
	7.625 in. Sonic Bit LHSL, Dome	215252	8.07 in. OD 6.73 in. ID

Subs / Adapters

Components	Part	MN	Notes
	7.625 RHSL Box x 9.625 RHSL Pin	212620	10.00 in. S-S
	6.0 RHSL Box x 7.625 RHSL Pin	228177	10.50 in. S-S, Long
	6.0 RHSL Box x 7.625 RHSL Pin	212218	4.00 in. S-S
	4.5 LHSL Box x 7.625 LHSL Pin	212893	5.40 in. S-S

High-Speed Coring Head (Sonic)

geoprobe.com/coring-head



Learn about the Geoprobe® high-speed coring head for sonic drill rigs in this short video.

Spindle Adapters

Components	Part	MN	Notes
	GV5 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	218880	
	GV5 ADPT 7.625 RHSL	229302	Bolt On
	GV5 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL	228765	HD
	GV4 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	211278	
	GV4 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL NEW	234730	HD
	GV4 ADPT 7.625 RHSL	211060	Bolt On, Requires: 211154

9.625 in. Sonic Casing RHSL

Components	MN	Length	Weight	OD	ID
	212297	120 in.	435 lbs.	9.625 in.	8.755 in.
	215137	60 in.	217.5 lbs.		
	212296	24 in.	87 lbs.		

Accessories

Components	Part	MN	Notes
	9.625 in. Lift Cap RHSL	212401	Pin
	Rod Wiper Donut	106768	9.625 in.
	Thread Compound	600729	1 Gallon

Bits

Components	Part	MN	Notes
	9.625 in. Sonic Bit RHSL, Dome	212298	9.90 in. OD 8.80 in. ID
	9.625 in. Sonic Bit RHSL CC	226070	9.63 in. OD 8.84 in. ID

Subs / Adapters

Components	Part	MN	Notes
	7.625 RHSL Box x 9.625 RHSL Pin	212620	10.00 in. S-S
	6.0 RHSL Box x 9.625 RHSL Pin	212962	10.00 in. S-S

Sonic Rod Handling System
geoprobe.com/sonic-handling



The rod handling system is designed to reduce operator contact with the tooling, for a safer and more efficient work environment.

Key
 S-S (Shoulder to Shoulder)
 LH (Left Hand)
 RH (Right Hand)
 CC (Carbide Composite)

Rod Racks

Components	Part	MN	Notes
	Sonic Rod Rack 4x6 NEW	238030	
	Rod Rack with Roller	216786	

Indexing Rack

Components	Part	MN	Notes
	Indexing Rack (4.5 in. Casing)	226096	Holds 200 ft. of Sonic Casing
	Indexing Rack (6.0 in. Casing)	226133	Holds 150 ft. of Sonic Casing
	Indexing Rack (7.625 in. Casing)	226314	Holds 120 ft. of Sonic Casing

Sonic Indexing Rack Overview

geoprobe.com/index-rack



The Geoprobe® sonic indexing rack is safe, easy to use, and cost effective.

Whether you're sampling soils in an environmental investigation, collecting geotechnical data for construction, penetrating rock for bedrock wells, or casing a hole for a geothermal project, you'll find the sonic tooling system required to successfully achieve the desired results. Our sonic soil sampling tooling offers you the widest array of bits and sampling systems available; from conventional telescoping soil coring to dual tubing and face flushing bits for rock coring.

With sonic rigs and tooling designed and manufactured as a holistic system, you'll benefit from a comprehensive, compatible offering that is:

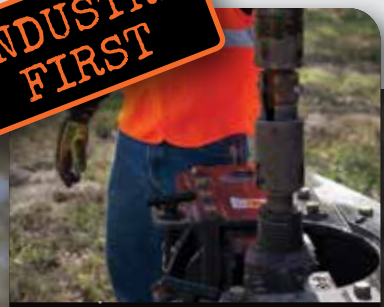
- Engineered and tested for maximum strength and durability during sonic drilling by folks who manufacture sonic drill rigs
- Manufactured with solid steel using an exclusive heat treatment process and a proprietary thread design for ease of make-up and break-out.
- Supported by sonic drilling experts experienced with tooling in a variety of geologic settings who can advise you in tooling selection and sonic drilling application technique.

Geoprobe® sonic casing is available on the shelf in a variety of lengths, providing you many options and configurations for reliable and consistent sonic project results, such as:

- Conventional Sonic Sampling (4x6, 6x8, 8x10)
- Dual Tube Sonic Sampling (SDT45 & SDT60)
- Single Casing System: Cased Hole w/o Sampling



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FIRST**

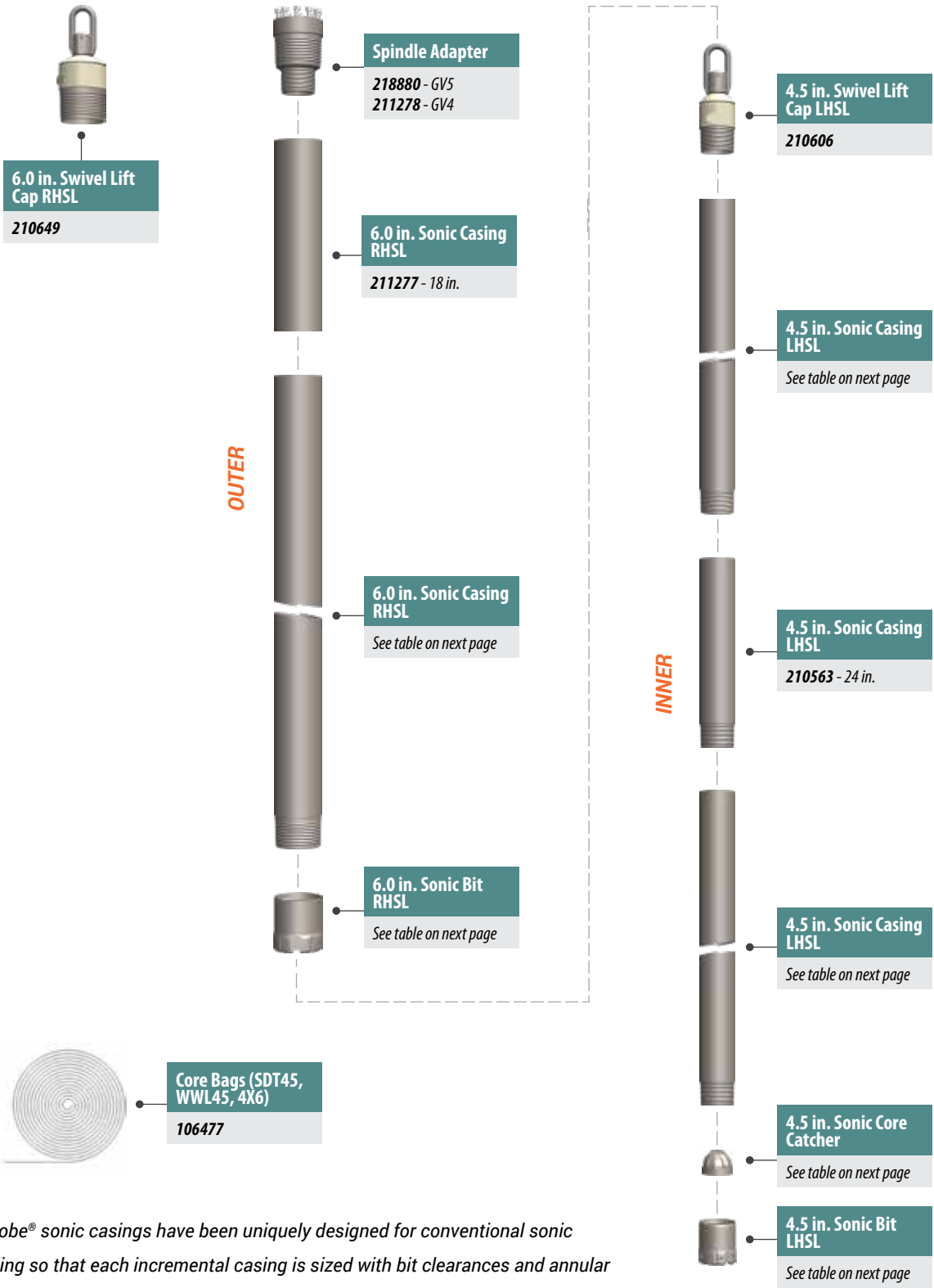


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Geoprobe® Sonic
Weighted
Wireline




*Collecting a soil sample
with the Geoprobe® Sonic
Weighted Wireline System*







Geoprobe® sonic casings have been uniquely designed for conventional sonic sampling so that each incremental casing is sized with bit clearances and annular space in mind. The 4x6 method is a well-established configuration that uses a 4-in. nominal core barrel over cased with a 6-in. casing.

OUTER

6.0 in. Sonic Casing RHSL



Components	MN	Length	Weight	OD	ID
	210979	120 in.	225 lbs.	6.0 in.	5.25 in.
	210648	60 in.	112.5 lbs.		
	211174	24 in.	45 lbs.		
	211277	18 in.	33.75 lbs.		
	212350	12 in.	22.5 lbs.		
	212351	6 in.	11.25 lbs.		

Bits


Components	Part	MN	Notes
	6.0 in. Sonic Bit RHSL, Dome	210749	6.38 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL, Para	213325	6.45 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL, Dome Hardfaced NEW	237966	6.38 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL, Para Hardfaced NEW	237967	6.45 in. OD 5.02 in. ID

COMBINED COMPONENTS


Spindle Adapters

Components	Part	MN	Notes
	GV5 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	218880	
	GV4 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	211278	

Subs / Adapters


Components	Part	MN	Notes
	4.5 LHSL Box x 4.5 LHSL Pin	212679	4.00 in. S-S Sub Saver

Accessories




Components	Part	MN	Notes
	6.0 in. Threadless Pin Sand Slip	216182	
	6.0 in. Swivel Lift Cap RHSL	210649	Pin
	4.5 in. Swivel Lift Cap LHSL	210606	Pin
	Rod Wiper Donut	600624	6.0 in.
	Rod Wiper Donut	600448	4.5 in.
	Core Bags (SDT45, WWL45, 4X6)	106477	8 in. flat x 725 ft.
	Thread Compound	600729	1 Gallon

INNER













4.5 in. Sonic Casing LHSL

Components	MN	Length	Weight	OD	ID
	210172	120 in.	165 lbs.	4.5 in.	3.75 in.
	210495	60 in.	82.5 lbs.		
	210563	24 in.	33 lbs.		
	210602	12 in.	16.5 lbs.		

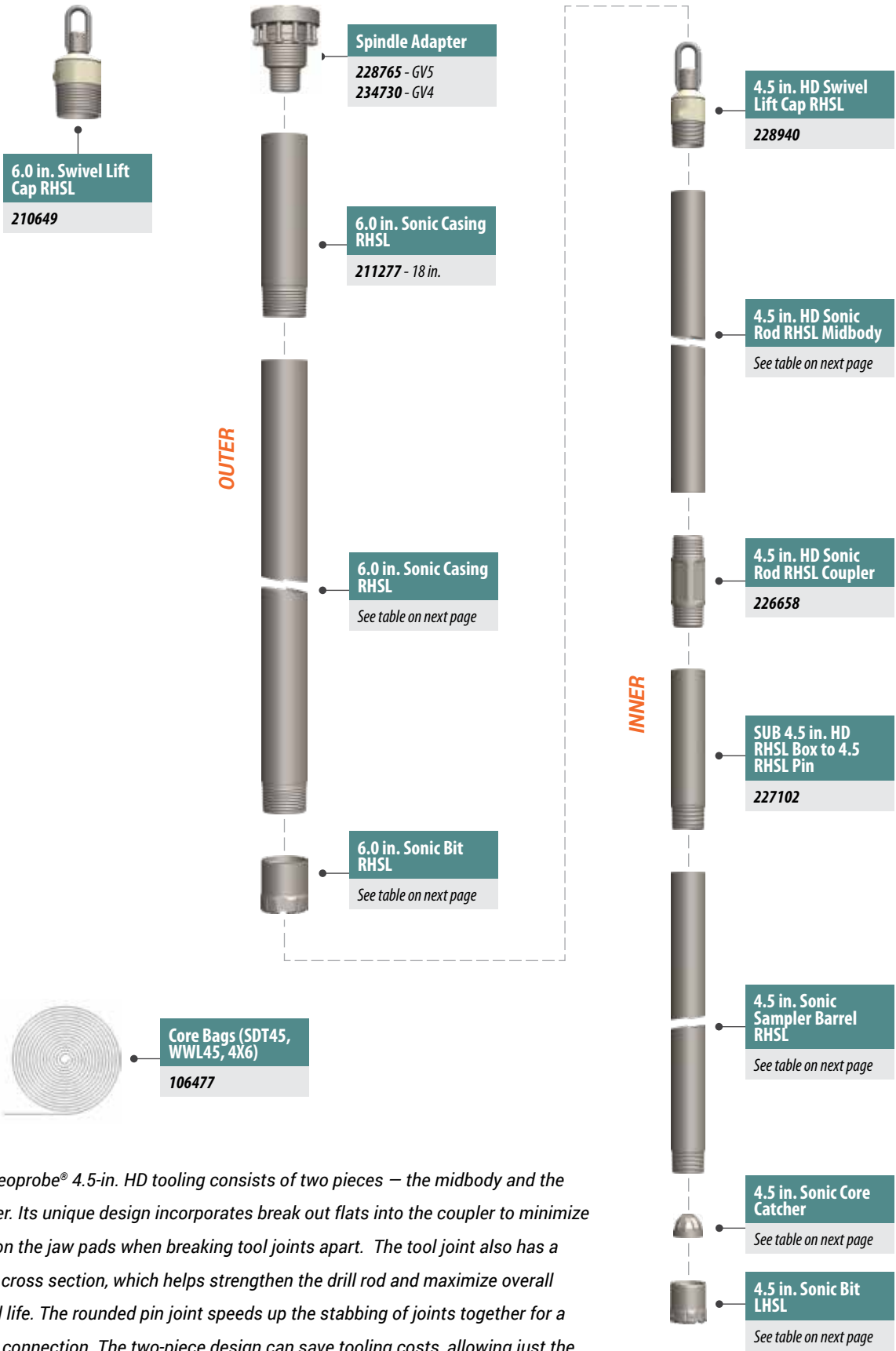
Core Catchers

Components	Part	MN	Notes
	4.5 in. Sonic Core Catcher	209675	LH
	4.5 in. Sonic Core Catcher	231171	LH, Short
	4.5 in. Sonic Core Catcher	213151	LH, Thin

Bits

Components	Part	MN	Notes
	4.5 in. Sonic Bit LHSL, Dome	210569	4.88 in. OD 3.53 in. ID
	4.5 in. Sonic Bit LHSL, Para	215168	4.95 in. OD 3.52 in. ID
	4.5 in. Sonic Bit LHSL, Dome Hardfaced NEW	237956	4.88 in. OD 3.53 in. ID
	4.5 in. Sonic Bit LHSL, Para Hardfaced NEW	237957	4.95 in. OD 3.52 in. ID
	4.5 in. Sonic Bit LHSL Undercut, Para	212514	4.90 in. OD 3.32 in. ID
	4.5 in. Sonic Bit LHSL Undercut, Para Hardfaced NEW	237961	4.90 in. OD 3.32 in. ID
	4.5 in. Sonic Bit LHSL Undercut ID Carbide, Para	213481	4.90 in. OD 3.15 in. ID
	4.5 in. Sonic Bit LHSL, Para	221895	4.75 in. OD 3.75 in. ID
	4.5 in. Sonic Bit LHSL CC	226269	4.50 in. OD 3.75 in. ID
	4.5 in. Sonic Bit LHSL Flapper Single	226328	4.75 in. OD 3.75 in. ID
	4.5 in. Sonic Bit LHSL Flapper Double	224628	4.75 in. OD 3.75 in. ID
	4.5 in. Sonic Bit LHSL Full Face, Para	215779	4.88 in. OD


S-S (Shoulder to Shoulder)
CC (Carbide Composite)







The Geoprobe® 4.5-in. HD tooling consists of two pieces – the midbody and the coupler. Its unique design incorporates break out flats into the coupler to minimize wear on the jaw pads when breaking tool joints apart. The tool joint also has a larger cross section, which helps strengthen the drill rod and maximize overall thread life. The rounded pin joint speeds up the stabbing of joints together for a faster connection. The two-piece design can save tooling costs, allowing just the coupler to be replaced if the threads are damaged.

OUTER

6.0 in. Sonic Casing RHSL

Components	MN	Length	Weight	OD	ID
	210979	120 in.	225 lbs.	6.0 in.	5.25 in.
	210648	60 in.	112.5 lbs.		
	211174	24 in.	45 lbs.		
	211277	18 in.	33.75 lbs.		
	212350	12 in.	22.5 lbs.		
	212351	6 in.	11.25 lbs.		

Bits




Components	Part	MN	Notes
	6.0 in. Sonic Bit RHSL, Dome	210749	6.38 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL, Para	213325	6.45 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL, Dome Hardfaced NEW	237966	6.38 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL, Para Hardfaced NEW	237967	6.45 in. OD 5.02 in. ID

COMBINED COMPONENTS








Spindle Adapters

Components	Part	MN	Notes
	GV5 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL	228765	HD
	GV4 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL NEW	234730	HD

Subs / Adapters


Components	Part	MN	Notes
	4.5 HD Box x 6.0 RHSL Pin	226740	4.00 in. S-S
	4.5 HD Pin x 6.0 RHSL Box	226741	8.50 in. S-S
	4.5 HD Box x 4.5 HD Pin	229271	4.00 in. S-S Sub Saver

Accessories



Components	Part	MN	Notes
	6.0 in. Threadless Pin Sand Slip	216182	
	6.0 in. Swivel Lift Cap RHSL	210649	Pin
	4.5 in. HD Swivel Lift Cap RHSL	228940	Pin
	Rod Wiper Donut	600624	6.0 in.
	Rod Wiper Donut	600448	4.5 in.
	Core Bags (SDT45, WWL45, 4X6)	106477	8 in. flat x 725 ft.
	Thread Compound	600729	1 Gallon

INNER

4.5 in. HD Sonic Rod RHSL Midbody

Components	MN	Length	Weight	OD	ID
	226643	120 in.	189 lbs.	4.5 in.	3.75 in.
	226634	60 in.	94.5 lbs.		
	226641	24 in.	37.8 lbs.		



Coupler / Subs

Components	Part	MN	Notes
	4.5 in. HD Sonic Rod RHSL Coupler	226658	4.5 in. OD 3.0 in ID
	SUB 4.5 in. HD RHSL Box to 4.5 RHSL Pin	227102	

Sampler Barrel

Components	Part	MN	Notes
	4.5 in. Sonic Sampler Barrel RHSL	227183	60 in.
		223849	12 in.
		229565	6 in.

Core Catchers

Components	Part	MN	Notes
	4.5 in. Sonic Core Catcher	227260	RH
	4.5 in. Sonic Core Catcher	231159	RH, Short

Bits

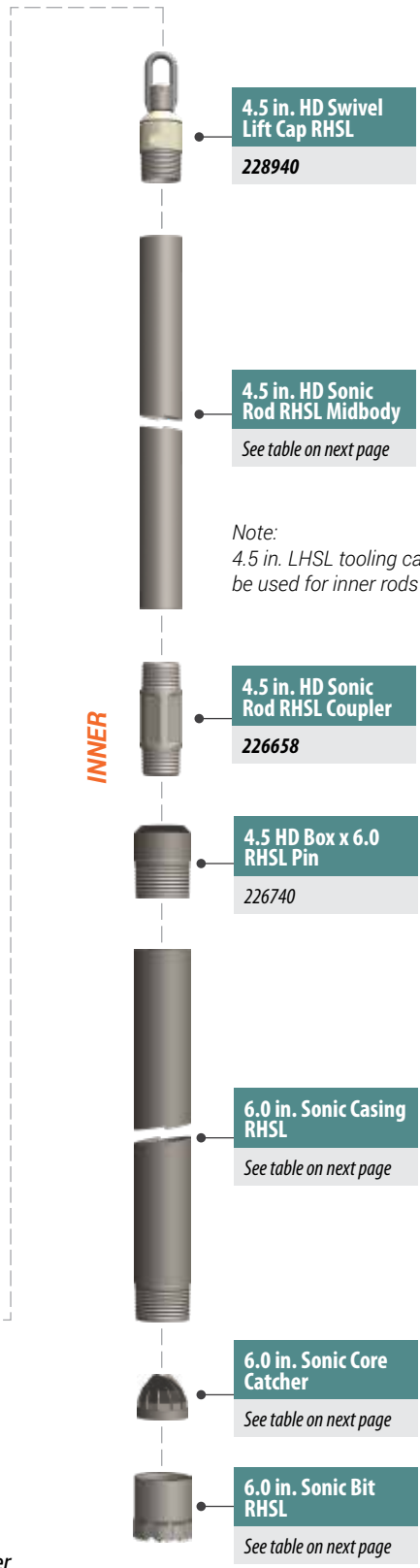
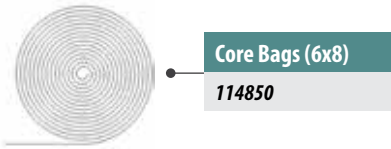
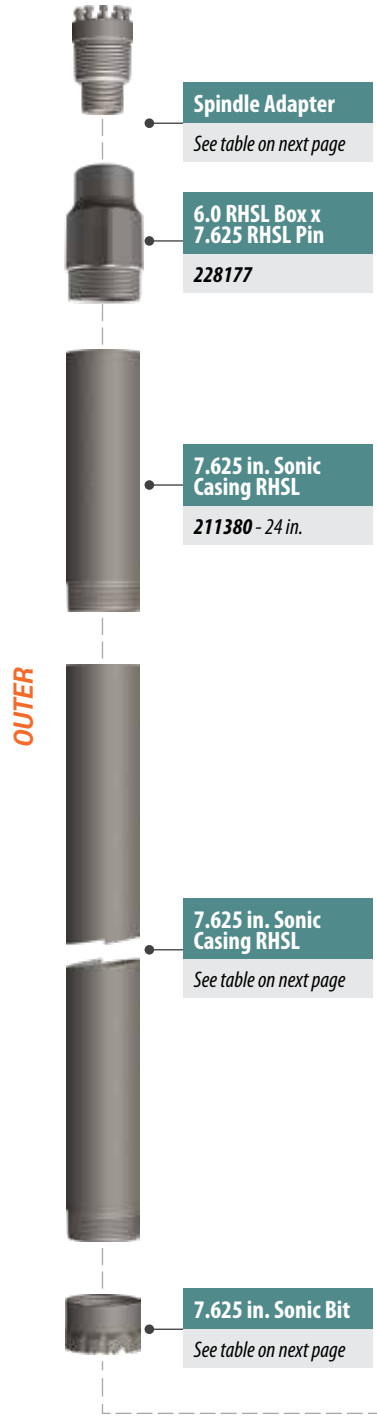
Components	Part	MN	Notes
	4.5 in. Sonic Bit RHSL, Dome	229575	4.88 in. OD 3.53 in. ID
	4.5 in. Sonic Bit RHSL, Para	229941	4.95 in. OD 3.52 in. ID
	4.5 in. Sonic Bit RHSL, Dome Hardfaced NEW	237958	4.88 in. OD 3.53 in. ID
	4.5 in. Sonic Bit RHSL, Para Hardfaced NEW	237959	4.95 in. OD 3.52 in. ID
	4.5 in. Sonic Bit RHSL Undercut, Para	227193	4.90 in. OD 3.32 in. ID
	4.5 in. Sonic Bit RHSL Undercut, Para Hardfaced NEW	237962	4.90 in. OD 3.32 in. ID
	4.5 in. Sonic Bit RHSL Undercut ID Carbide, Para	229606	4.90 in. OD 3.15 in. ID
	4.5 in. Sonic Bit RHSL Full Face, Para	229954	4.88 in. OD

S-S (Shoulder to Shoulder)

4.5 in. HD Sonic Rods


geoprobe.com/4.5-sonic-hd

Go "Behind the Design" to find out the engineering perspective on our HD sonic tooling.




Geoprobe Systems® 6x8 sonic sampling provides the operator a larger diameter sample if desired, but this casing combination is typically used to provide a larger hole, such as to set a monitoring well.


OUTER**7.625 in. Sonic Casing RHSL**

Components	MN	Length	Weight	OD	ID
	211216	120 in.	337 lbs.	7.625 in.	6.765 in.
	211055	60 in.	168.5 lbs.		
	211380	24 in.	67.4 lbs.		


Bits

Components	Part	MN	Notes
	7.625 in. Sonic Bit RHSL, Dome	211056	8.07 in. OD 6.73 in. ID
	7.625 in. Sonic Bit RHSL CC	226012	7.63 in. OD 6.88 in. ID

COMBINED COMPONENTS**Spindle Adapters**

Components	Part	MN	Notes
	GV5 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	218880	
	GV5 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL	228765	HD
	GV5 ADPT 7.625 RHSL	229302	Bolt On
	GV4 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	211278	
	GV4 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL	234730	HD
	GV4 ADPT 7.625 RHSL	211060	Bolt On, Requires: 211154

Subs / Adapters


Components	Part	MN	Notes
	6.0 RHSL Box x 7.625 RHSL Pin	228177	10.50 in. S-S, Long
	6.0 RHSL Box x 7.625 RHSL Pin	212218	4.00 in. S-S
	4.5 HD Box x 6.0 RHSL Pin	226740	4.00 in. S-S
	4.5 HD Pin x 6.0 RHSL Box	226741	8.50 in. S-S
	4.5 LHSL Box x 6.0 LHSL Pin	211647	11.00 in. S-S


Accessories

Components	Part	MN	Notes
	7.625 in. Lift Cap RHSL	211301	Pin
	6.0 in. Swivel Lift Cap RHSL	210649	Pin
	4.5 in. HD Swivel Lift Cap RHSL	228940	Pin
	4.5 in. Swivel Lift Cap LHSL	210606	Pin
	Rod Wiper Donut	106478	7.625 in.
600624		6.0 in.	
600448		4.5 in.	
Core Bags (6x8)	114850	10 in. flat x 725 ft.	
Thread Compound	600729	1 Gallon	


S-S (Shoulder to Shoulder)

INNER**4.5 in. HD**


Components	MN	Length	Weight	OD	ID
	226643	120 in.	189 lbs.	4.5 in.	3.75 in.
	226634	60 in.	94.5 lbs.		
	226641	24 in.	37.8 lbs.		

Components	Part	MN	Notes
	4.5 in. HD Sonic Rod RHSL Coupler	226658	4.5 in. OD 3.0 in ID


4.5 in. Sonic Casing LHSL

Components	MN	Length	Weight	OD	ID
	210172	120 in.	165 lbs.	4.5 in.	3.75 in.
	210495	60 in.	82.5 lbs.		
	210563	24 in.	33 lbs.		
	210602	12 in.	16.5 lbs.		


6.0 in. Sonic Casing RHSL

Components	MN	Length	Weight	OD	ID
	210979	120 in.	225 lbs.	6.0 in.	5.25 in.
	210648	60 in.	112.5 lbs.		
	211174	24 in.	45 lbs.		
	211277	18 in.	33.75 lbs.		
	212350	12 in.	22.5 lbs.		
	212351	6 in.	11.25 lbs.		






Sampler Barrel LHSL

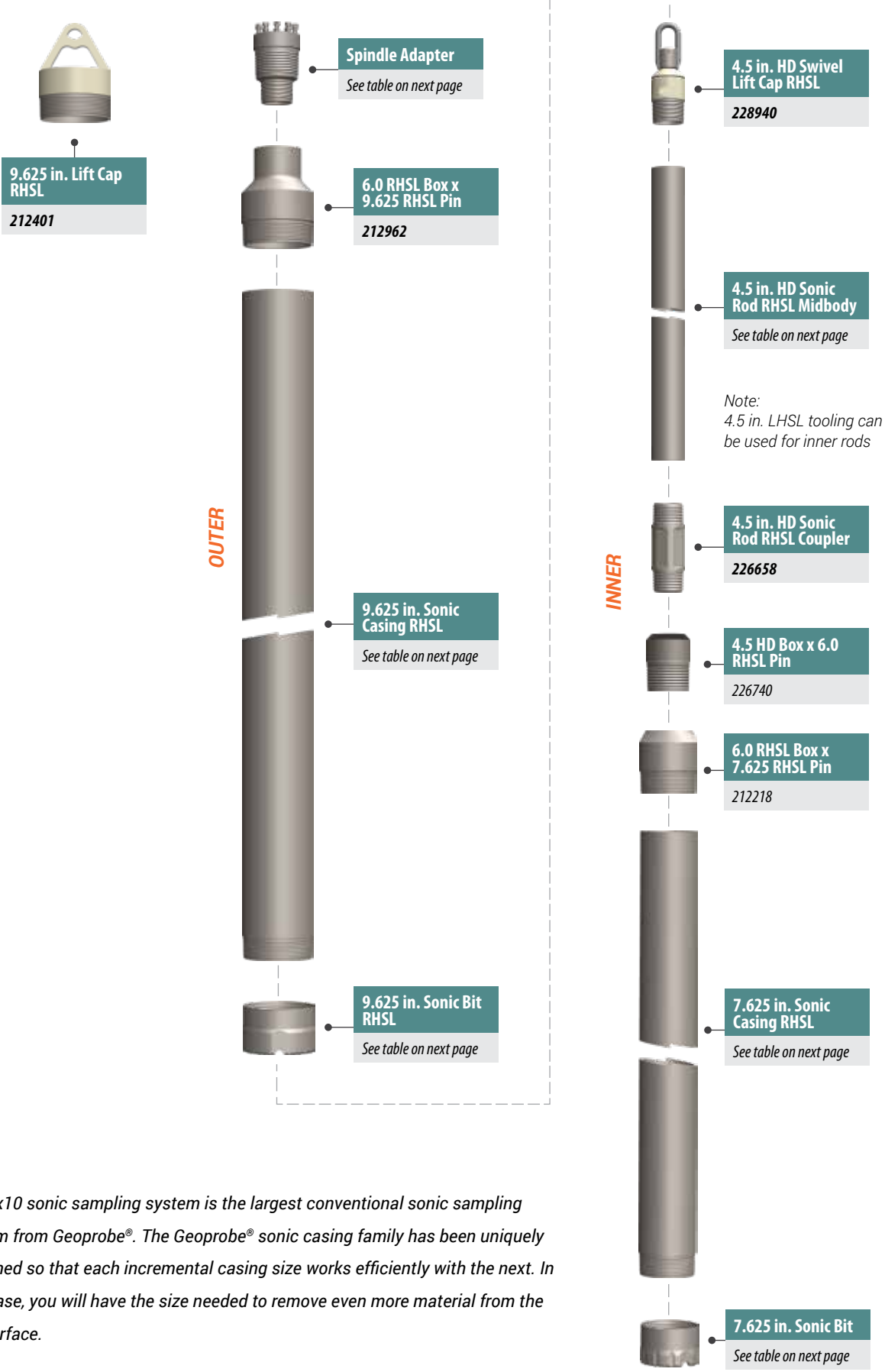
Components	Part	MN	Notes
	6.0 in. Sonic Sampler Barrel LHSL	211383	60 in.
	6.0 in. Sonic Sampler Barrel LHSL	222663	12 in.

Core Catchers

Components	Part	MN	Notes
	6.0 in. Sonic Core Catcher	211107	RH
	6.0 in. Sonic Core Catcher	231193	RH, Short
	6.0 in. Sonic Core Catcher	211746	LH
	6.0 in. Sonic Core Catcher	231202	LH, Short


Bits

Components	Part	MN	Notes
	6.0 in. Sonic Bit RHSL, Dome	210749	6.38 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL, Para	213325	6.45 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL, Dome Hardfaced	237966	6.38 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL, Para Hardfaced	237967	6.45 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL CC	226017	6.00 in. OD 5.25 in. ID
	6.0 in. Sonic Bit RHSL Full Face, Para	222884	6.35 in. OD
	6.0 in. Sonic Bit LHSL, Dome	211409	6.38 in. OD 5.02 in. ID
	6.0 in. Sonic Bit LHSL ID Carbide, Dome	216273	6.38 in. OD 4.71 in. ID




The 8x10 sonic sampling system is the largest conventional sonic sampling system from Geoprobe®. The Geoprobe® sonic casing family has been uniquely designed so that each incremental casing size works efficiently with the next. In this case, you will have the size needed to remove even more material from the subsurface.





OUTER**9.625 in. Sonic Casing RHSL**

Components	MN	Length	Weight	OD	ID
	212297	120 in.	435 lbs.	9.625 in.	8.755 in.
	215137	60 in.	217.5 lbs.		
	212296	24 in.	87 lbs.		



Bits

Components	Part	MN	Notes
	9.625 in. Sonic Bit RHSL, Dome	212298	9.90 in. OD 8.80 in. ID
	9.625 in. Sonic Bit RHSL CC	226010	9.63 in. OD 8.84 in. ID

COMBINED COMPONENTS**Subs / Adapters**



Components	Part	MN	Notes
	7.625 RHSL Box x 9.625 RHSL Pin	212620	10.00 in. S-S
	6.0 RHSL Box x 9.625 RHSL Pin	212962	10.00 in. S-S
	6.0 RHSL Box x 7.625 RHSL Pin	228177	10.50 in. S-S, Long
	6.0 RHSL Box x 7.625 RHSL Pin	212218	4.00 in. S-S
	4.5 HD Box x 6.0 RHSL Pin	226740	4.00 in. S-S
	4.5 HD Pin x 6.0 RHSL Box	226741	8.50 in. S-S
	4.5 LHSL Box x 7.625 LHSL Pin	212893	5.40 in. S-S

Accessories


Components	Part	MN	Notes
	9.625 in. Lift Cap RHSL	212401	Pin
	7.625 in. Lift Cap RHSL	211301	Pin
	4.5 in. HD Swivel Lift Cap RHSL	228940	Pin
	4.5 in. Swivel Lift Cap LHSL	210606	Pin
		106768	9.625 in.
		106478	7.625 in.
		600624	6.0 in.
		600448	4.5 in.
	Thread Compound	600729	1 Gallon

S-S (Shoulder to Shoulder)


INNER**4.5 in. HD**

Components	MN	Length	Weight	OD	ID
	226643	120 in.	189 lbs.	4.5 in.	3.75 in.
	226634	60 in.	94.5 lbs.		
	226641	24 in.	37.8 lbs.		
Components	Part	MN	Notes		
	4.5 in. HD Sonic Rod RHSL Coupler	226658	4.5 in. OD 3.0 in ID		

4.5 in. Sonic Casing LHSL

Components	MN	Length	Weight	OD	ID
	210172	120 in.	165 lbs.	4.5 in.	3.75 in.
	210495	60 in.	82.5 lbs.		
	210563	24 in.	33 lbs.		
	210602	12 in.	16.5 lbs.		



7.625 in. Sonic Casing RHSL

Components	MN	Length	Weight	OD	ID
	211216	120 in.	337 lbs.	7.625 in.	6.765 in.
	211055	60 in.	168.5 lbs.		
	211380	24 in.	67.4 lbs.		





Sampler Barrel LHSL

Components	Part	MN	Notes
	7.625 in. Sonic Sampler Barrel LHSL	215250	60 in.

Bits

Components	Part	MN	Notes
	7.625 in. Sonic Bit RHSL, Dome	211056	8.07 in. OD 6.73 in. ID
	7.625 in. Sonic Bit RHSL CC	226012	7.63 in. OD 6.88 in. ID
	7.625 in. Sonic Bit LHSL, Dome	215252	8.07 in. OD 6.73 in. ID

COMBINED COMPONENTS**Spindle Adapters**

Components	Part	MN	Notes
	GV5 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	218880	
	GV5 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL	228765	HD
	GV5 ADPT 7.625 RHSL	229302	Bolt On
	GV4 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	211278	
	GV4 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL	234730	HD
	GV4 ADPT 7.625 RHSL	211060	Bolt On, Requires: 211154

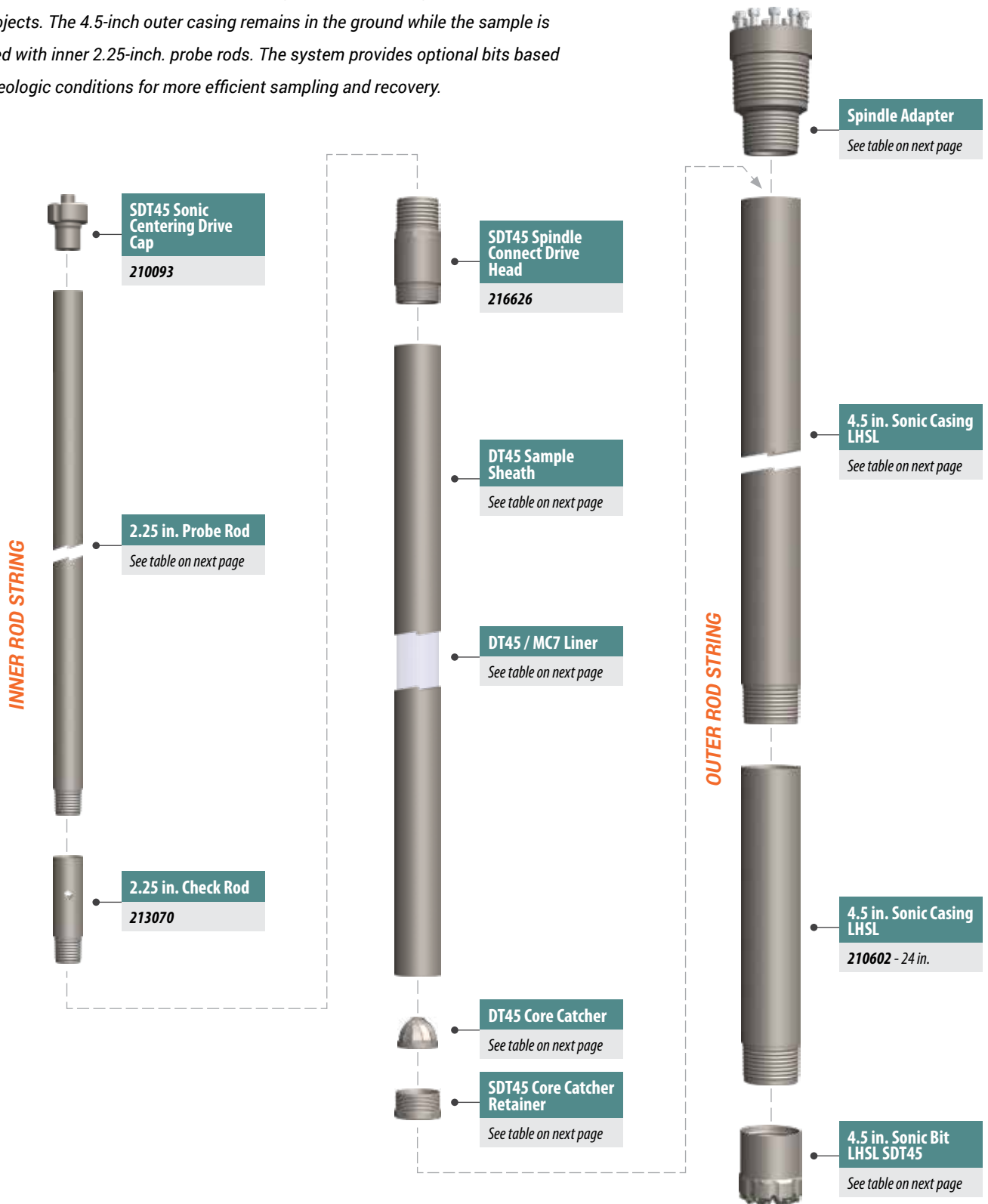
SDT45 5-ft. Interval Sonic Sampling

geoprobe.com/sdt45-5




785-825-1842



The versatile SDT45 system can be used for environmental sampling, varying types of well installations, cased hole applications, geotechnical borings, and exploration projects. The 4.5-inch outer casing remains in the ground while the sample is retrieved with inner 2.25-inch probe rods. The system provides optional bits based upon geologic conditions for more efficient sampling and recovery.





INNER ROD STRING**Centering Drive Cap**

Components	Part	MN	Notes
	SDT45 Sonic Centering Drive Cap	210093	


Probe Rods

2.25 in. Probe Rod	MN	Length	Weight	OD	ID
	204767	60 in.	37.5 lbs.	2.25 in.	1.5 in.
	204766	48 in.	30 lbs.		
	206588	24 in.	15 lbs.		
	204777	12 in.	7.5 lbs.		
	213070	6 in.	2.25 in. Check Rod (Nylon Ball: 101120, Spring Pin: 106971)		


Spindle Connect Drive Heads

Components	Part	MN	Notes
	SDT45 Spindle Connect Drive Head	216626	
	WWL45 Spindle Connect Drive Head	220196	Endless Thread









Sample Sheath

Components	Part	MN	Notes
	DT45 Sample Sheath	205762	72 in.
		231581	72 in., Endless Thread
		205761	60 in.
		205760	48 in.



Liners

Components	Part	MN	Notes
	DT45 / MC7 Liner	600720	72 in., PVC, Built to Order, Quantity: 18
	DT45 / MC7 Liner	600719	60 in., PVC Quantity: 18
	DT45 / MC7 Liner	600721	48 in., PVC Quantity: 18


Core Catchers / Retainers

Components	Part	MN	Notes
	DT45 Liner Retainer	212520	
	SDT45 Sonic Core Catcher	216554	
	DT45 Core Catcher	226134	Short
	SDT45 Core Catcher Retainer	218304	Asm
	SDT45 Core Catcher Retainer	217894	Asm, Endless Thread
	SDT45 Core Catcher Retainer	226147	Asm, Endless Thread, Short
	SDT45 Core Catcher Retaining Ring	217634	
	DT45 Retainer / MC7 Cutting Shoe Wrench	205773	



OUTER ROD STRING**Spindle Adapters**

Components	Part	MN	Notes
	GV5 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	218880	
	GV4 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	211278	


4.5 in. Sonic Casing LHSL

Components	MN	Length	Weight	OD	ID
	210495	60 in.	82.5 lbs.	4.5 in.	3.75 in.
	210563	24 in.	33 lbs.		
	210602	12 in.	16.5 lbs.		

Bits

Components	Part	MN	Notes
	4.5 in. Sonic Bit LHSL SDT45, Dome	226395	4.93 in. OD 2.65 in. ID
	4.5 in. Sonic Bit LHSL SDT45, Para	210566	4.93 in. OD 2.65 in. ID

Subs / Adapters

Components	Part	MN	Notes
	4.5 LHSL Box x 4.5 LHSL Pin	212679	4.00 in. S-S Sub Saver

COMBINED COMPONENTS**Replacement Parts / Accessories**

Components	Part	MN	Notes
	1.25 in. Nylon Ball	101120	
	SDT45 Center Rod Guide	216614	
	4.5 in. Swivel Lift Cap LHSL	210606	Pin
	2.25 in. Spring Assisted Swivel Lift Cap	217609	Pin
	Rod Wiper Donut	600448	4.5 in.
	DT45/MC7 Liner Cutter	206987	
	Liner Cutter Replacement Blades	600985	Quantity: 5
	Core Bags (SDT45, WWL45, 4X6)	106477	8 in. flat x 725 ft.
	Thread Compound	600729	1 Gallon

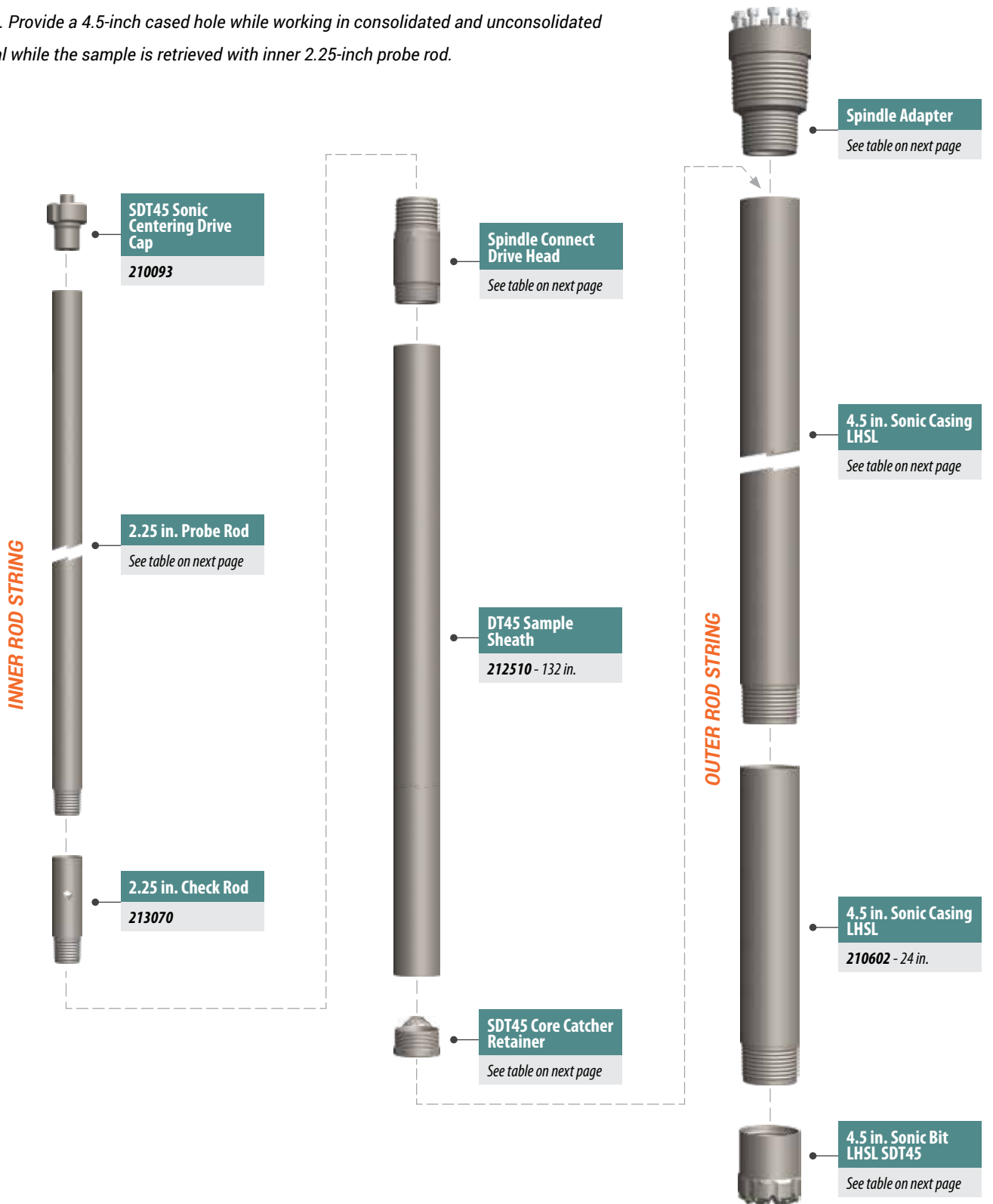
SDT45 10-ft. Interval Sonic Sampling

geoprobe.com/sdt45-10



785-825-1842



Save time and fatigue advancing an outer casing and inner soil sampler simultaneously using the unique and versatile Geoprobe Systems® Sonic Dual Tube 45 (SDT45) sampling system. Provide a 4.5-inch cased hole while working in consolidated and unconsolidated material while the sample is retrieved with inner 2.25-inch probe rod.





INNER ROD STRING*Centering Drive Cap*

Components	Part	MN	Notes
	SDT45 Sonic Centering Drive Cap	210093	

Probe Rods

2.25 in. Probe Rod	MN	Length	Weight	OD	ID
	204767	60 in.	37.5 lbs.	2.25 in.	1.5 in.
	204766	48 in.	30 lbs.		
	206588	24 in.	15 lbs.		
	204777	12 in.	7.5 lbs.		
	213070	6 in.	2.25 in. Check Rod		








Spindle Connect Drive Heads

Components	Part	MN	Notes
	SDT45 Spindle Connect Drive Head	216626	
	WWL45 Spindle Connect Drive Head	220196	Endless Thread



Sample Sheath

Components	Part	MN	Notes
	DT45 Sample Sheath	212510	132 in., Endless Thread


Core Catchers / Retainers

Components	Part	MN	Notes
	SDT45 Core Catcher Retainer	218304	Asm
	SDT45 Core Catcher Retainer	217894	Asm, Endless Thread
	SDT45 Core Catcher Retainer	226147	Asm, Endless Thread, Short
	SDT45 Sonic Core Catcher	216554	
	DT45 Core Catcher	226134	Short
	SDT45 Core Catcher Retaining Ring	217634	
	DT45 Retainer / MC7 Cutting Shoe Wrench	205773	



OUTER ROD STRING*Spindle Adapters*

Components	Part	MN	Notes
	GV5 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	218880	
	GV4 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	211278	


4.5 in. Sonic Casing LHSL

Components	MN	Length	Weight	OD	ID
	210172	120 in.	165 lbs.	4.5 in.	3.75 in.
	210495	60 in.	82.5 lbs.		
	210563	24 in.	33 lbs.		
	210602	12 in.	16.5 lbs.		




Bits

Components	Part	MN	Notes
	4.5 in. Sonic Bit LHSL SDT45, Dome	226395	4.93 in. OD 2.65 in. ID
	4.5 in. Sonic Bit LHSL SDT45, Para	210566	4.93 in. OD 2.65 in. ID

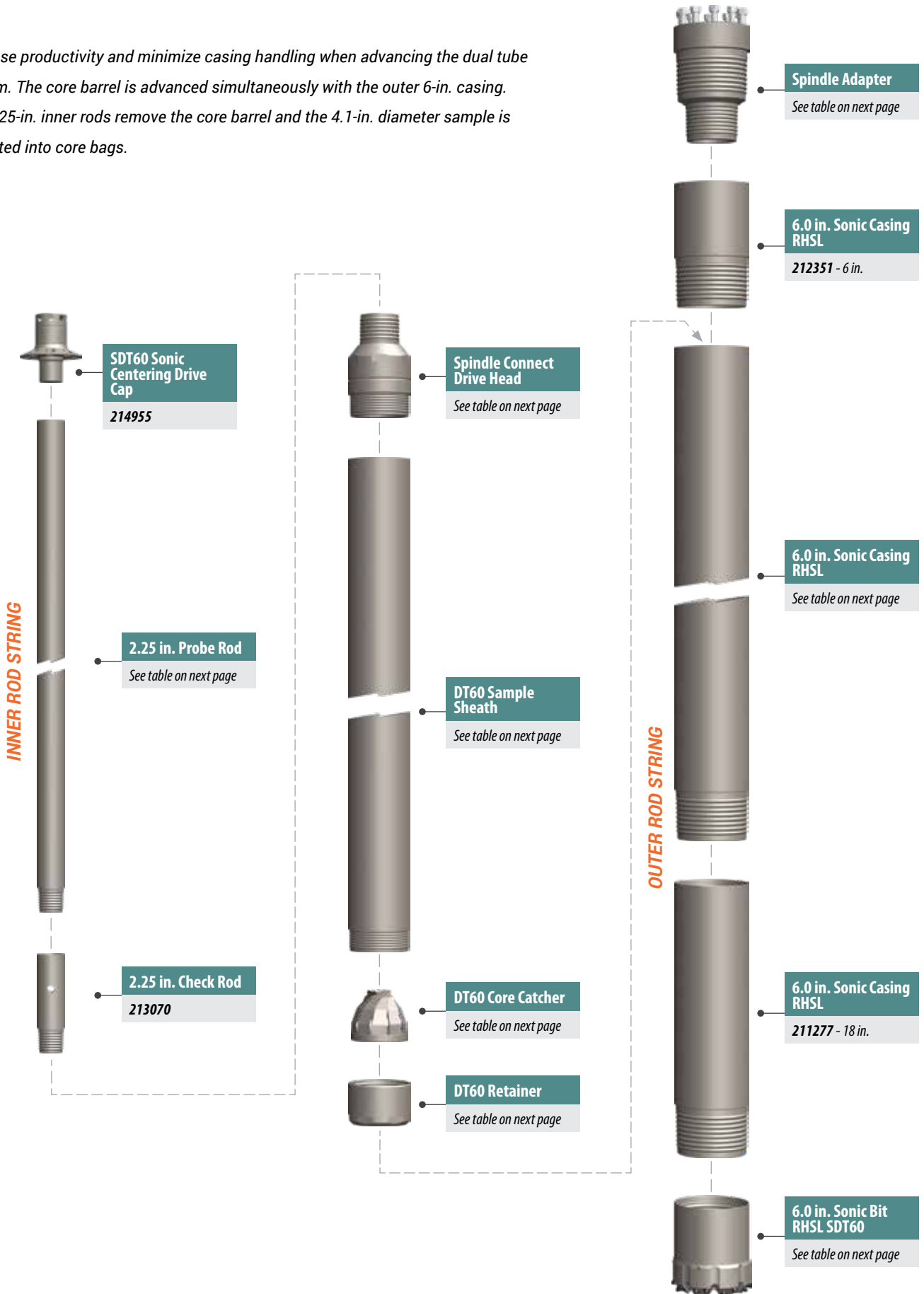
Subs / Adapters

Components	Part	MN	Notes
	4.5 LHSL Box x 4.5 LHSL Pin	212679	4.00 in. S-S Sub Saver

COMBINED COMPONENTS*Replacement Parts / Accessories*

Components	Part	MN	Notes
	1.25 in. Nylon Ball	101120	
	SDT45 Center Rod Guide	216614	
	4.5 in. Swivel Lift Cap LHSL	210606	Pin
	2.25 in. Spring Assisted Swivel Lift Cap	217609	Pin
	Rod Wiper Donut	600448	4.5 in.
	Core Bags (SDT45, WWL45, 4X6)	106477	8 in. flat x 725 ft.
	Thread Compound	600729	1 Gallon



Increase productivity and minimize casing handling when advancing the dual tube system. The core barrel is advanced simultaneously with the outer 6-in. casing. Our 2.25-in. inner rods remove the core barrel and the 4.1-in. diameter sample is collected into core bags.





INNER ROD STRING**Centering Drive Cap**

Components	Part	MN	Notes
	SDT60 Sonic Centering Drive Cap	214955	


Probe Rods

2.25 in. Probe Rod	MN	Length	Weight	OD	ID
	204767	60 in.	37.5 lbs.	2.25 in.	1.5 in.
	204766	48 in.	30 lbs.		
	206588	24 in.	15 lbs.		
	204777	12 in.	7.5 lbs.		
	213070	6 in.	2.25 in. Check Rod (Nylon Ball: 101120, Spring Pin: 106971)		






Spindle Connect Drive Heads

Components	Part	MN	Notes
	SDT60 Spindle Connect Drive Head	212887	
	WWL60 Spindle Connect Drive Head	223253	Endless Thread


Sample Sheath

Components	Part	MN	Notes
		215043	72 in.
		215042	60 in.
		211621	12 in.
		213140	12 in. Endless Thread


Core Catchers / Retainers

Components	Part	MN	Notes
	DT60 Core Catcher	215016	
	SDT60 Sonic Core Catcher	223224	Short
	DT60 Retainer	211280	
	DT60 Retainer	213139	Endless Thread
	DT60 Wrench	208080	


OUTER ROD STRING**Spindle Adapters**

Components	Part	MN	Notes
	GV5 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	218880	
	GV5 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL	228765	HD
	GV4 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	211278	
	GV4 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL	234730	HD

6.0 in. Sonic Casing RHSL

Components	MN	Length	Weight	OD	ID
	210979	120 in.	225 lbs.	6.0 in.	5.25 in.
	210648	60 in.	112.5 lbs.		
	211174	24 in.	45 lbs.		
	211277	18 in.	33.75 lbs.		
	212350	12 in.	22.5 lbs.		
	212351	6 in.	11.25 lbs.		

Bits

Components	Part	MN	Notes
	6.0 in. Sonic Bit RHSL SDT60, Dome	226396	6.49 in. OD 4.10 in. ID
	6.0 in. Sonic Bit RHSL SDT60, Para	215162	6.49 in. OD 4.10 in. ID

COMBINED COMPONENTS**Replacement Parts / Accessories**

Components	Part	MN	Notes
	1.25 in. Nylon Ball	101120	
	SDT60 Center Rod Guide	218383	
	6.0 in. Swivel Lift Cap RHSL	210649	Pin
	2.25 in. Spring Assisted Swivel Lift Cap	217609	Pin
	Rod Wiper Donut	600624	6.0 in.
	Core Bags (SDT60, WWL60)	700127	9 in. flat x 1000 ft.
	Thread Compound	600729	1 Gallon

Sonic SDT45 Weighted Wireline (WWL45)

geoprobe.com/dt45-wwl



785-825-1842

Designed to compliment standard SDT45 tooling, the core barrel uses a simple weight system to hold it in place at the bottom of the tool string rather than a mechanical latch. Makes for much faster trip times when utilized during 100-foot or greater depths in consolidated formations.



Core Bags (SDT45, WWL45, 4X6)
106477



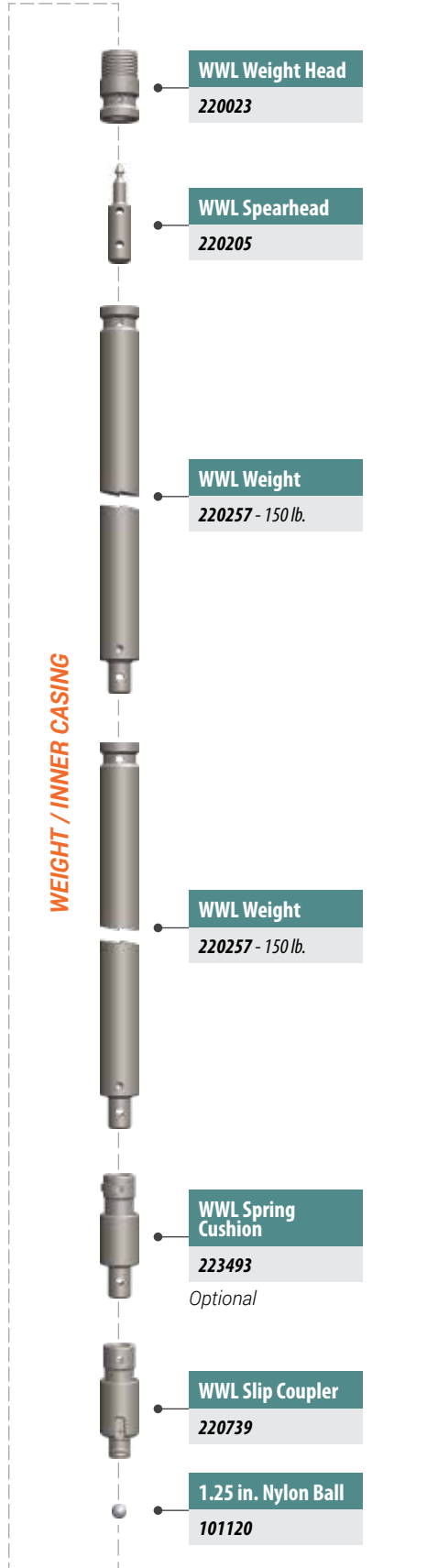
WWL Connector Pin
220325



OVERSHOT

NWL WWL Overshot with Quick Change
223515

WWL Overshot Release Tube
220755



WEIGHT / INNER CASING

WWL Weight Head
220023

WWL Spearhead
220205

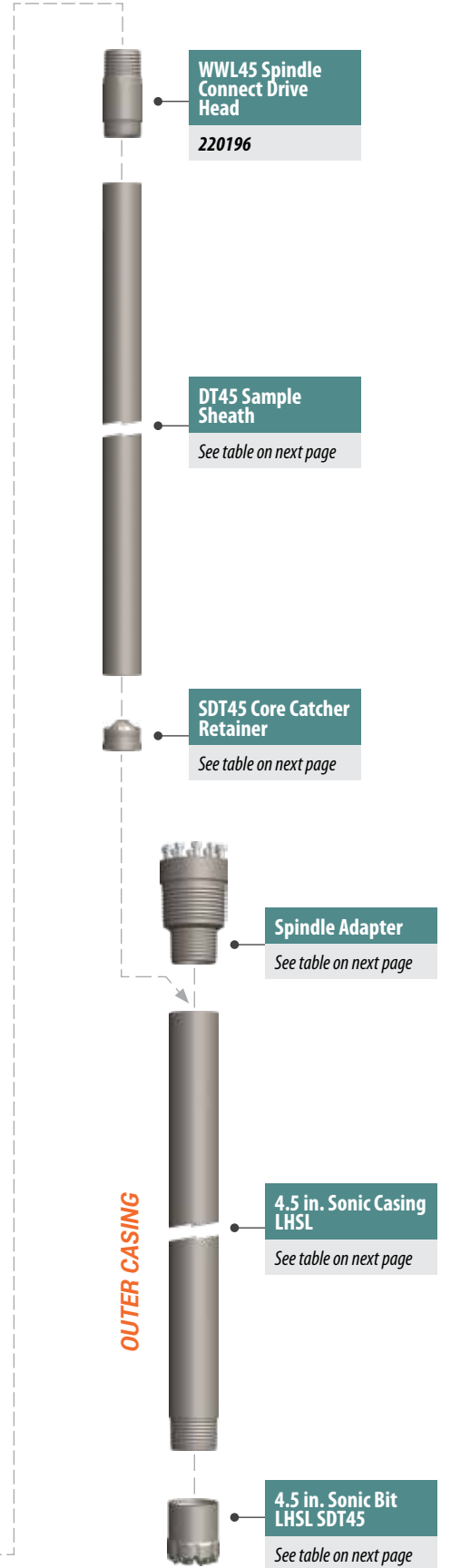
WWL Weight
220257 - 150 lb.

WWL Weight
220257 - 150 lb.

WWL Spring Cushion
223493
Optional

WWL Slip Coupler
220739

1.25 in. Nylon Ball
101120



OUTER CASING

WWL45 Spindle Connect Drive Head
220196

DT45 Sample Sheath
See table on next page

SDT45 Core Catcher Retainer
See table on next page

Spindle Adapter
See table on next page

4.5 in. Sonic Casing LHSL
See table on next page

4.5 in. Sonic Bit LHSL SDT45
See table on next page

OVERSHOT*Accessories*

Components	Part	MN	Notes
	NWL WWL Overshot with Quick Change	223515	
	WWL Overshot Release Tube	220755	

WEIGHT / INNER CASING*Accessories*

Components	Part	MN	Notes
	WWL Weight Head	220023	
	WWL Connector Pin	220325	
	WWL Spearhead	220205	
	WWL Weight	220257	150 lb.
	WWL Spring Cushion	223493	Optional
	WWL Slip Coupler	220739	2.25 in. Endless Thread
	1.25 in. Nylon Ball	101120	
	WWL45 Spindle Connect Drive Head	220196	Endless Thread

Sample Sheath

Components	Part	MN	Notes
	DT45 Sample Sheath	212510	132 in., Endless Thread
		231581	72 in., Endless Thread

Core Catchers / Retainers

Components	Part	MN	Notes
	SDT45 Core Catcher Retainer	217894	Asm, Endless Thread
	SDT45 Core Catcher Retainer	226147	Asm, Endless Thread, Short
	SDT45 Sonic Core Catcher	216554	
	DT45 Core Catcher	226134	Short
	SDT45 Core Catcher Retaining Ring	217634	
	DT45 Retainer / MC7 Cutting Shoe Wrench	205773	

OUTER ROD STRING*Spindle Adapters*

Components	Part	MN	Notes
	GV5 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	218880	
	GV4 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	211278	

4.5 in. Sonic Casing LHSL

Components	MN	Length	Weight	OD	ID
	210172	120 in.	165 lbs.	4.5 in.	3.75 in.
	210495	60 in.	82.5 lbs.		
	210563	24 in.	33 lbs.		
	210602	12 in.	16.5 lbs.		

Bits

Components	Part	MN	Notes
	4.5 in. Sonic Bit LHSL SDT45, Dome	226395	4.93 in. OD 2.65 in. ID
	4.5 in. Sonic Bit LHSL SDT45, Para	210566	4.93 in. OD 2.65 in. ID

Subs / Adapters

Components	Part	MN	Notes
	4.5 LHSL Box x 4.5 LHSL Pin	212679	4.00 in. S-S Sub Saver

COMBINED COMPONENTS*Accessories*

Components	Part	MN	Notes
	4.5 in. Swivel Lift Cap LHSL	210606	Pin
	3.5 in. Swivel Lift Cap LHSL	209503	Box
	2.25 in. Spring Assisted Swivel Lift Cap	217609	Pin
	Rod Wiper Donut	600448	4.5 in.
	DT45/MC7 Liner Cutter	206987	
	Liner Cutter Replacement Blades	600985	Quantity: 5
	Core Bags (SDT45, WWL45, 4X6)	106477	8 in. flat x 725 ft.
	Thread Compound	600729	1 Gallon

Sonic Weighted Wireline Overviewgeoprobe.com/wwl

This video looks at the speed of the sonic weighted wireline system.

Sonic SDT60 Weighted Wireline (WWL60)

geoprobe.com/dt60-wwl



785-825-1842

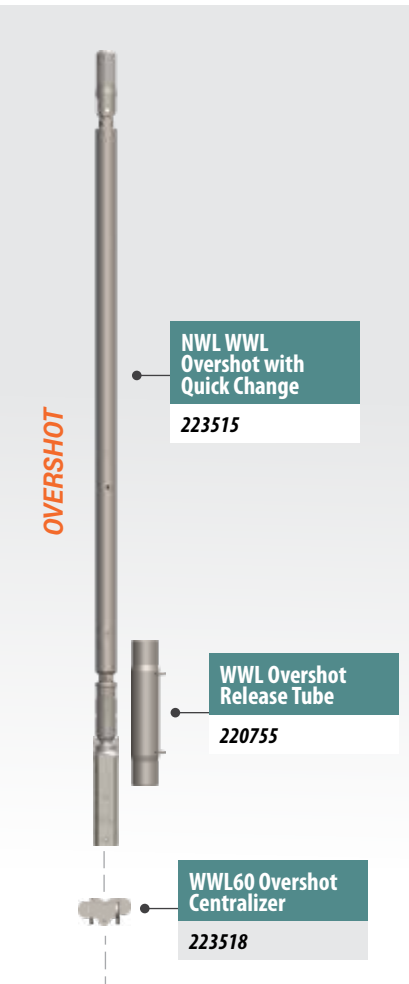
Designed and available exclusively through Geoprobe® and able for use under most sonic rigs, WWL60 makes for much faster trip times when utilized during 100-foot or greater depths in consolidated formations. Complimenting standard SDT60 tooling, the core barrel uses a weight system to hold it in place at the bottom of the tool string rather than a mechanical latch.



Core Bags (SDT60, WWL60)
700127



WWL Connector Pin
220325



WWL Weight Head
220023



WWL Spearhead
220205



WWL60 Centering Weight
222995



WWL Weight
See table on next page



WWL Weight
See table on next page



WWL Spring Cushion
223493
Optional



WWL Slip Coupler
220739



1.25 in. Nylon Ball
101120



WWL60 Spindle Connect Drive Head
223253



DT60 Sample Sheath
215042 - 60 in.



DT60 Sample Sheath
213140 - 12 in.



DT60 Core Catcher
See table on next page



DT60 Retainer
213139



Spindle Adapter
See table on next page



6.0 in. Sonic Casing RHSL
212351 - 6 in. (optional)






6.0 in. Sonic Casing RHSL
See table on next page










6.0 in. Sonic Bit RHSL SDT60
See table on next page

OUTER CASING

OVERSHOT*Accessories*

Components	Part	MN	Notes
	NWL WWL Overshot with Quick Change	223515	
	WWL60 Overshot Centralizer	223518	
	WWL Overshot Release Tube	220755	





WEIGHT / INNER CASING*Accessories*

Components	Part	MN	Notes
	WWL Weight Head	220023	
	WWL Connector Pin	220325	
	WWL Spearhead	220205	
	WWL60 Centering Weight	222995	
	WWL Weight	220257	150 lb.
	WWL Weight	223797	300 lb.
	WWL Spring Cushion	223493	Optional
	WWL Slip Coupler	220739	2.25 in., endless thread
	1.25 in. Nylon Ball	101120	
	WWL60 Spindle Connect Drive Head	223253	Endless Thread





Sample Sheath

Components	Part	MN	Notes
	DT60 Sample Sheath	215042	60 in.
		213140	12 in., Endless Thread


Core Catchers / Retainers

Components	Part	MN	Notes
	DT60 Core Catcher	215016	
	SDT60 Sonic Core Catcher	223224	Short
	DT60 Retainer	213139	Endless Thread
	DT60 Wrench	208080	



OUTER ROD STRING*Spindle Adapters*

Components	Part	MN	Notes
	GV5 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	218880	
	GV5 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL	228765	HD
	GV4 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	211278	
	GV4 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL	234730	HD


6.0 in. Sonic Casing RHSL

Components	MN	Length	Weight	OD	ID
	210979	120 in.	225 lbs.	6.0 in.	5.25 in.
	210648	60 in.	112.5 lbs.		
	211174	24 in.	45 lbs.		
	211277	18 in.	33.75 lbs.		
	212350	12 in.	22.5 lbs.		
	212351	6 in.	11.25 lbs.		

Bits

Components	Part	MN	Notes
	6.0 in. Sonic Bit RHSL SDT60, Dome	226396	6.49 in. OD 4.10 in. ID
	6.0 in. Sonic Bit RHSL SDT60, Para	215162	6.49 in. OD 4.10 in. ID

COMBINED COMPONENTS*Accessories*

Components	Part	MN	Notes
	6.0 in. Swivel Lift Cap RHSL	210649	Pin
	3.5 in. Swivel Lift Cap LHSL	209503	Box
	2.25 in. Spring Assisted Swivel Lift Cap	217609	Pin
	Rod Wiper Donut	600624	6.0 in.
	Core Bags (SDT60, WWL60)	700127	9 in. flat x 1000 ft.
	Thread Compound	600729	1 Gallon

Sonic Weighted Wireline Overviewgeoprobe.com/wwl

See how the sonic weighted wireline system makes trip out times much faster than traditional sonic sampling.

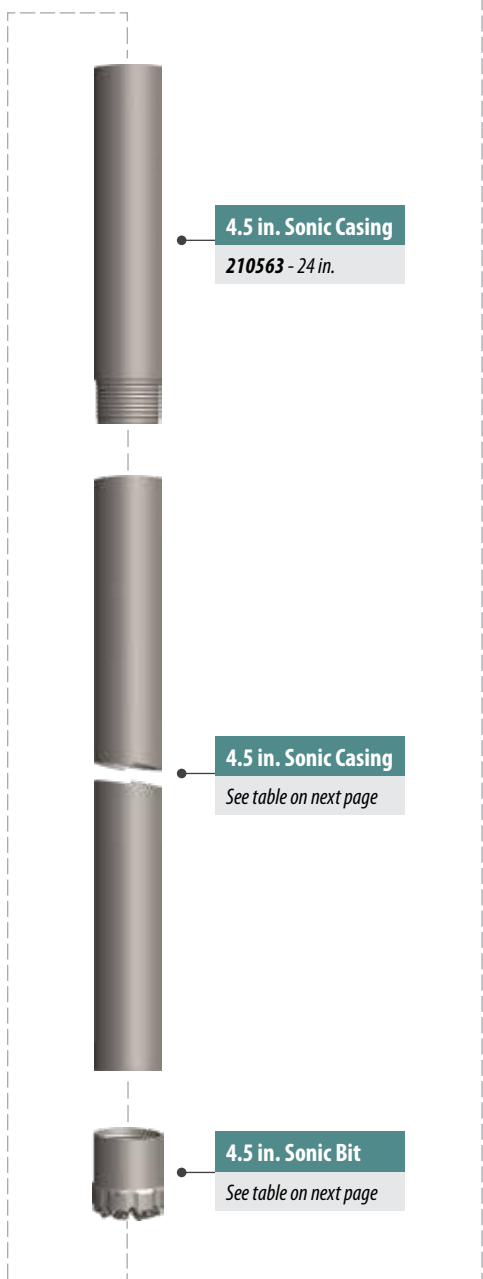
SDW45 - Sonic Double Wall 4.5 in.

geoprobe.com/sdw45

SDW45 method allows the water to flow around the sample sheath and exit the water ports on the bit face, leaving the sample core unaffected. Effective tooling system designed to obtain confirmatory rock or bedrock samples at the end of a boring, whether using sonic 4x6 or SDT45 or used in place of traditional sonic dual tube system when angled drilling is required.

INNER (RH or LH Options)

- 4.5 in. HD Sonic Rod RHSL Midbody
See table on next page
- 4.5 in. HD Sonic Rod RHSL Coupler
226658
- Sub Saver
See table on next page
- SDT45 Sonic Centering Drive Cap
210093
- 2.25 in. Check Rod
213070
- Spindle Connect Drive Head
See table on next page
- DT45 Sample Sheath
See table on next page
- DT45 / MC7 Liner
See table on next page
- DT45 Core Catcher
See table on next page
- Retainer
See table on next page



OUTER





- Spindle Adapter
See table on next page
- 6.0 in. Sonic Casing RHSL
211277 - 18 in.
- 6.0 in. Sonic Casing RHSL
See table on next page
- 6.0 in. Sonic Bit RHSL
See table on next page




SDW Overview

geoprobe.com/sdw45


INNER**Accessories**

Components	Part	MN	Notes
	SDT45 Sonic Centering Drive Cap	210093	
	2.25 in. Check Rod	213070	6 in.
	SDT45 Spindle Connect Drive Head	216626	
	WWL45 Spindle Connect Drive Head	220196	Endless Thread









Sample Sheath

Components	Part	MN	Notes
		212510	132 in., Endless Thread
		205762	72 in.
		231581	72 in., Endless Thread
		205761	60 in.
		205760	48 in.


Liners

Components	Part	MN	Notes
		600720	72 in., PVC, Built to Order, Qty: 18
		600719	60 in., PVC, Qty: 18
		600721	48 in., PVC, Qty: 18


Core Catchers / Retainers

Components	Part	MN	Notes
	DT45 Liner Retainer	212520	
	SDT45 Sonic Core Catcher	216554	
	DT45 Core Catcher	226134	Short
	SDT45 Core Catcher Retainer	218304	Asm
	SDT45 Core Catcher Retainer	217894	Asm, Endless Thread
	SDT45 Core Catcher Retainer	226147	Asm, Endless Thread, Short
	SDT45 Core Catcher Retaining Ring	217634	
	DT45 Retainer / MC7 Cutting Shoe Wrench	205773	





4.5 in. Sonic Casing LHSL

Components	MN	Length	Weight	OD	ID
	210172	120 in.	165 lbs.	4.5 in.	3.75 in.
	210495	60 in.	82.5 lbs.		
	210563	24 in.	33 lbs.		
	210602	12 in.	16.5 lbs.		


4.5 RHSL

Components	Part	MN	Notes
		227183	60 in.
		223849	12 in.
		229565	6 in.
	SUB 4.5 in. HD RHSL Box to 4.5 RHSL Pin	227102	



Bits

Components	Part	MN	Notes
	4.5 in. Sonic Bit RHSL SDT45, Dome	231316	4.93 in. OD 2.65 in. ID
	4.5 in. Sonic Bit RHSL SDT45, Para	223864	4.93 in. OD 2.65 in. ID
	4.5 in. Sonic Bit LHSL SDT45, Dome	226395	4.93 in. OD 2.65 in. ID
	4.5 in. Sonic Bit LHSL SDT45, Para	210566	4.93 in. OD 2.65 in. ID


OUTER**6.0 in. Sonic Casing RHSL**

Components	MN	Length	Weight	OD	ID
	210979	120 in.	225 lbs.	6.0 in.	5.25 in.
	210648	60 in.	112.5 lbs.		
	211174	24 in.	45 lbs.		
	211277	18 in.	33.75 lbs.		
	212350	12 in.	22.5 lbs.		
	212351	6 in.	11.25 lbs.		


Bits

Components	Part	MN	Notes
	6.0 in. Sonic Bit RHSL, Dome	210749	6.38 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL, Para	213325	6.45 in. OD 5.02 in. ID
	6.0 in. Sonic Bit RHSL CC	226017	6.00 in. OD 5.25 in. ID


COMBINED COMPONENTS**Spindle Adapters**

Components	Part	MN	Notes
	GV5 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	218880	
	GV5 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL	228765	HD
	GV4 ADPT 6.0 RHSL x 4.5 LHSL x 3.5 LHSL	211278	
	GV4 ADPT 6.0 RHSL x 4.5 HD x 3.5 LHSL	234730	HD

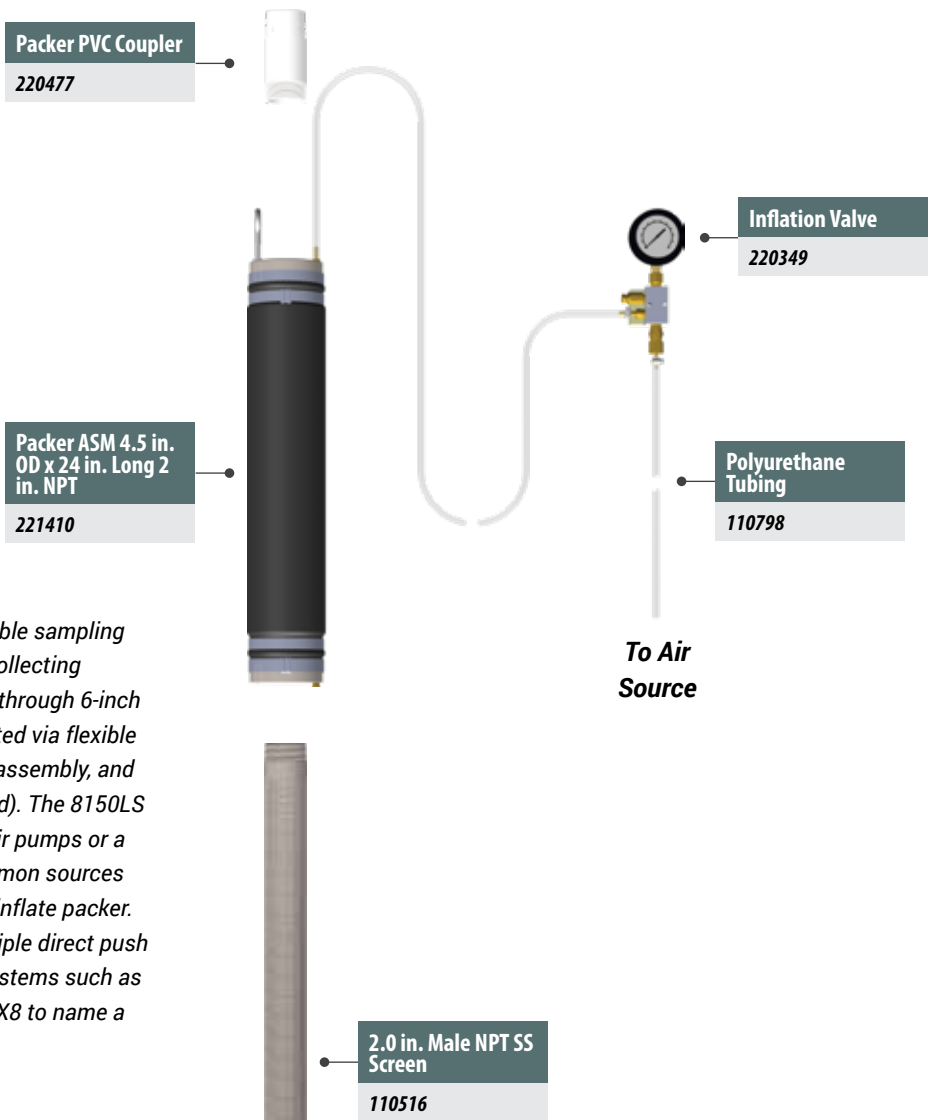
Accessories

Components	Part	MN	Notes
	1.25 in. Nylon Ball	101120	
	6.0 in. Swivel Lift Cap RHSL	210649	Pin
	4.5 in. HD Swivel Lift Cap RHSL	228940	Pin
	4.5 in. Swivel Lift Cap LHSL	210606	Pin
	2.25 in. Spring Assisted Swivel Lift Cap	217609	Pin
	Rod Wiper Donut	600624	6.0 in.
	Rod Wiper Donut	600448	4.5 in.
	DT45/MC7 Liner Cutter	206987	
	Liner Cutter Replacement Blades	600985	Quantity: 5
	Core Bags (SDT45, WWL45, 4X6)	106477	8 in. flat x 725 ft.
	Thread Compound	600729	1 Gallon

Subs / Adapters

Components	Part	MN	Notes
	4.5 HD Pin x 6.0 RHSL Box	226741	8.50 in. S-S
	4.5 HD Box x 4.5 HD Pin	229271	4.00 in. S-S Sub Saver
	4.5 LHSL Box x 4.5 LHSL Pin	212679	4.00 in. S-S Sub Saver

S-S (Shoulder to Shoulder)



Packer-based, deployable sampling system designed for collecting groundwater samples through 6-inch casing. Packer is inflated via flexible tubing, inflation valve assembly, and air supply (not included). The 8150LS on-board air, manual air pumps or a small air tank are common sources for compressed air to inflate packer. Can be used with multiple direct push and sonic sampling systems such as SDT60, 4X6, DT60 or 6X8 to name a few.

Key Features

- deployed inside 6-inch casing with standard 2-inch schedule 40 PVC
- helps ensure groundwater being sampled is representative of that particular interval
- prevents the screen section from being exposed to the water inside the casing
- modular design allows multiple packers to be used for different isolation options

Sampling Components

Components	Part	MN	Notes
	PVC Riser	104378	2 in. x 60 in.
	Packer PVC Coupler	220477	
	Inflation Valve	220349	
	Polyurethane Tubing	110798	3/8 in. OD x 1/4 in. ID x 100 ft.
	Packer ASM 4.5 in. OD x 24 in. Long 2 in. NPT	221410	
	2.0 in. Male NPT SS Screen	110516	5 ft.

- 50K Dynamic Force
- Designed for the Geoprobe® 8150LS & 8250LS Rotary Sonic Rigs



Geoprobe® GV5 Sonic Head

Automatic Drop Hammer

(Optional)

High-Speed Coring Head

(Optional)



1
9
9
6

Membrane Interface Probe (MIP)

Direct Image® tools vertically log soil characteristics in-situ such as:

- lithology
- electrical conductivity
- permeability
- various other geotechnical parameters
- VOC contaminant content
- hydrocarbon fluorescence

Data generated from the probe sensors can be combined to create accurate, highly detailed conceptual site models...the critical first step in any site investigation.



MIHPT Probe



2
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6

Hydraulic Profiling Tool



2
0
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2

MIHPT

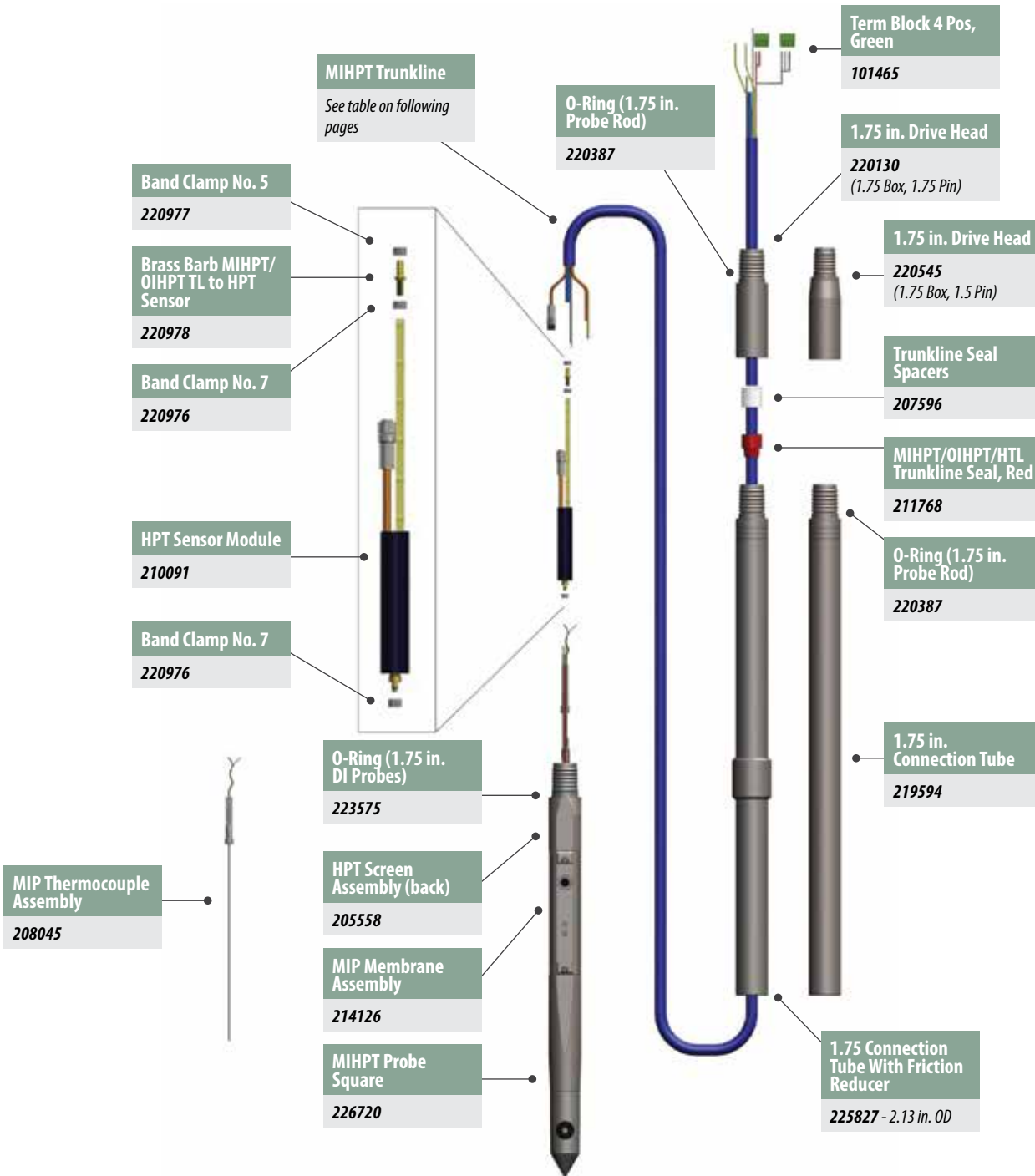
Geoprobe® Direct Image® Systems

Technology	Expanded Name	Primary Purpose	Usage	Commonly Combined Sensors	ASTM Standards
MIP	Membrane Interface Probe	VOC detection	Separate detection of chlorinated and non chlorinated species, contaminant depth, and relative concentration. Used to map dissolved phase plume extents or find source zones.	EC, HPT	D7352-07 (2018)
OIP-UV	Optical Imaging Profiler - Ultraviolet (275nm and Visible Light)	Non aqueous phase hydrocarbons by UV fluorescence	Fluorescence detection of hydrocarbon fuels and oils. Visible light used for indication of soil color and texture.	EC, HPT	
OIP-G	Optical Imaging Profiler - Green (520nm and Infrared Light)	Non-aqueous phase (heavy) hydrocarbons fluorescing with green light	Fluorescence detection of coal tars, creosotes, bunker fuels, residual fuel oils, and crude oils.	EC, HPT	
HPT	Hydraulic Profiling Tool	Relative soil permeability	Piezometric head, water table depth, estimated K, estimated GW specific conductance in sands and determination of contaminant migration pathways.	EC, MIP, OIP	D8037 D8037M-16
EC	Electrical Conductivity	Bulk formation electrical conductivity	Used as a proxy for lithology and for detection of ionic contamination. EC is most often used as an add-on sensor to other logging tools.	HPT, MIP, OIP	
CPT	Cone Penetration Testing NEW: Seismic CPT	Mechanical behavior of soils	Soil property measurements of cone tip resistance, sleeve friction, and pore pressure. These measurements can be used to determine soil geotechnical parameters.	EC, MIP, HPT or OIP	D3441
PST	Pneumatic Slug Testing	Hydraulic conductivity (K)	Groundwater flow rates for estimate of contaminant migration.		D7242 D7242M-06

Soil imaging probe and method of processing soil image to detect hydrocarbon contamination manufactured under US Patents 10,371,637 and 10,739,264

geoprobe.com/mip

Direct Image® Logging Tools



Note

CPT options are available in the *OIHPT/MIHPT - CPT Sub* section

MIP Overview

geoprobe.com/mip

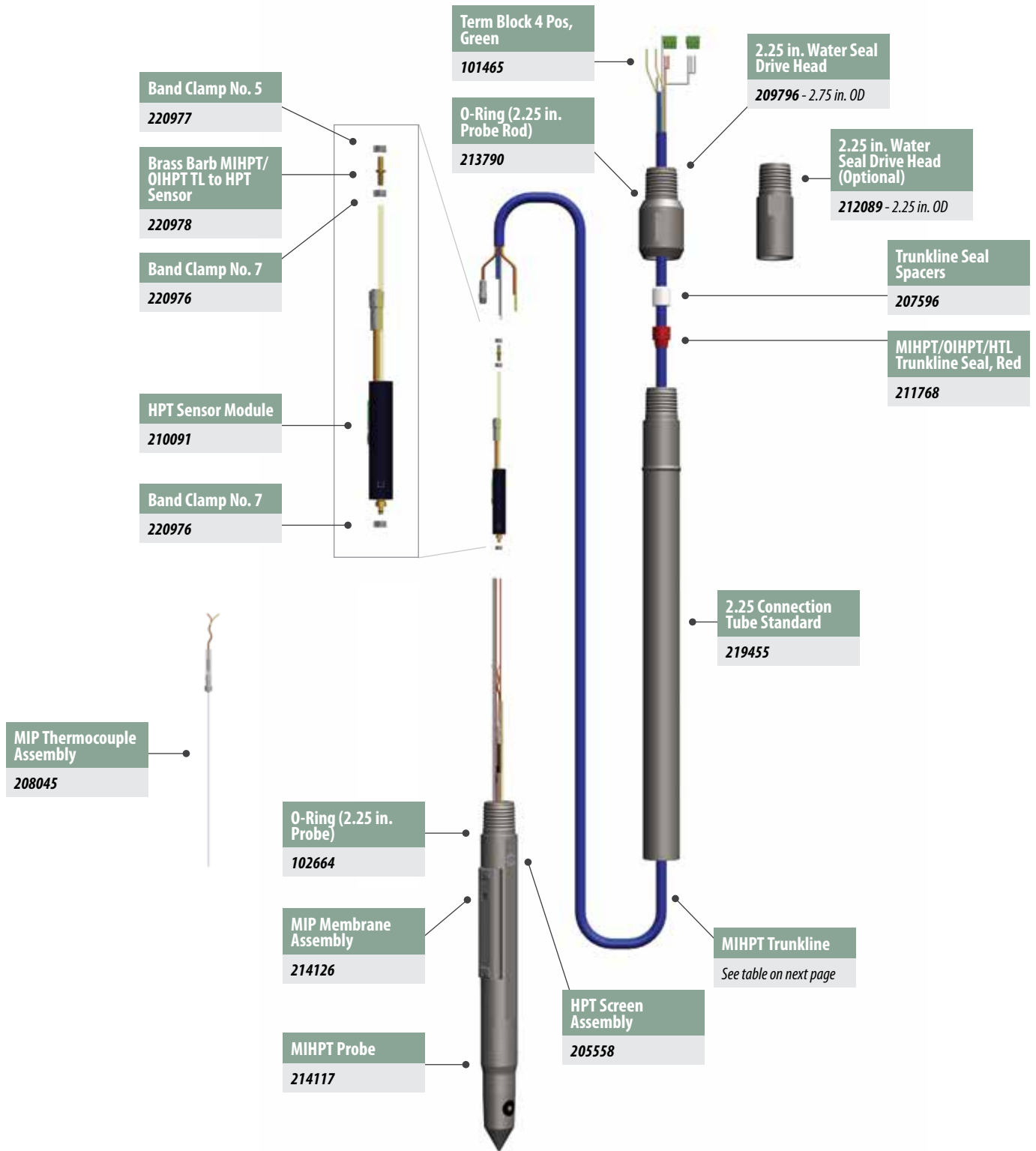


Learn the benefits of using the MIP system to log VOCs with depth in soil.

VIDEO

geoprobe.com/mip

Direct Image® Logging Tools



Detectors, Instruments, Controllers

Components	Part	MN	Notes
	MIP Detector System	213947	110V
		213946	220V
	Field Instrument	213940	110V
		213941	220V
	MIP Controller	214137	110V
		214139	220V
	HPT Flow Controller	214091	110V
		214093	220V
	MIP Pulse Flow Controller	216030	110-220V
	Heated Trunkline Controller	214147	110V
		214148	220V

Probes

Components	Part	MN	Notes
	MIHPT Probe Square	226720	1.75 in.
	MIHPT Probe	214117	2.25 in.

Trunklines & Accessories

Components	Part	MN	Notes
	MIP Trunkline	204077	100 ft.
		202570	150 ft.
		204655	200 ft.
	MIHPT Trunkline	236309	100 ft.
		236310	150 ft.
		236311	200 ft.
	MIP Heated Trunkline	214150	100 ft.
		214151	150 ft.
	MIP Heated Transfer Line	214149	8 ft.
	MIP/OIP Trunkline Seal, Yellow	207773	
	MIHPT/OIHPT/HTL Trunkline Seal, Red	211768	
	Trunkline Seal Spacers	207596	Pair

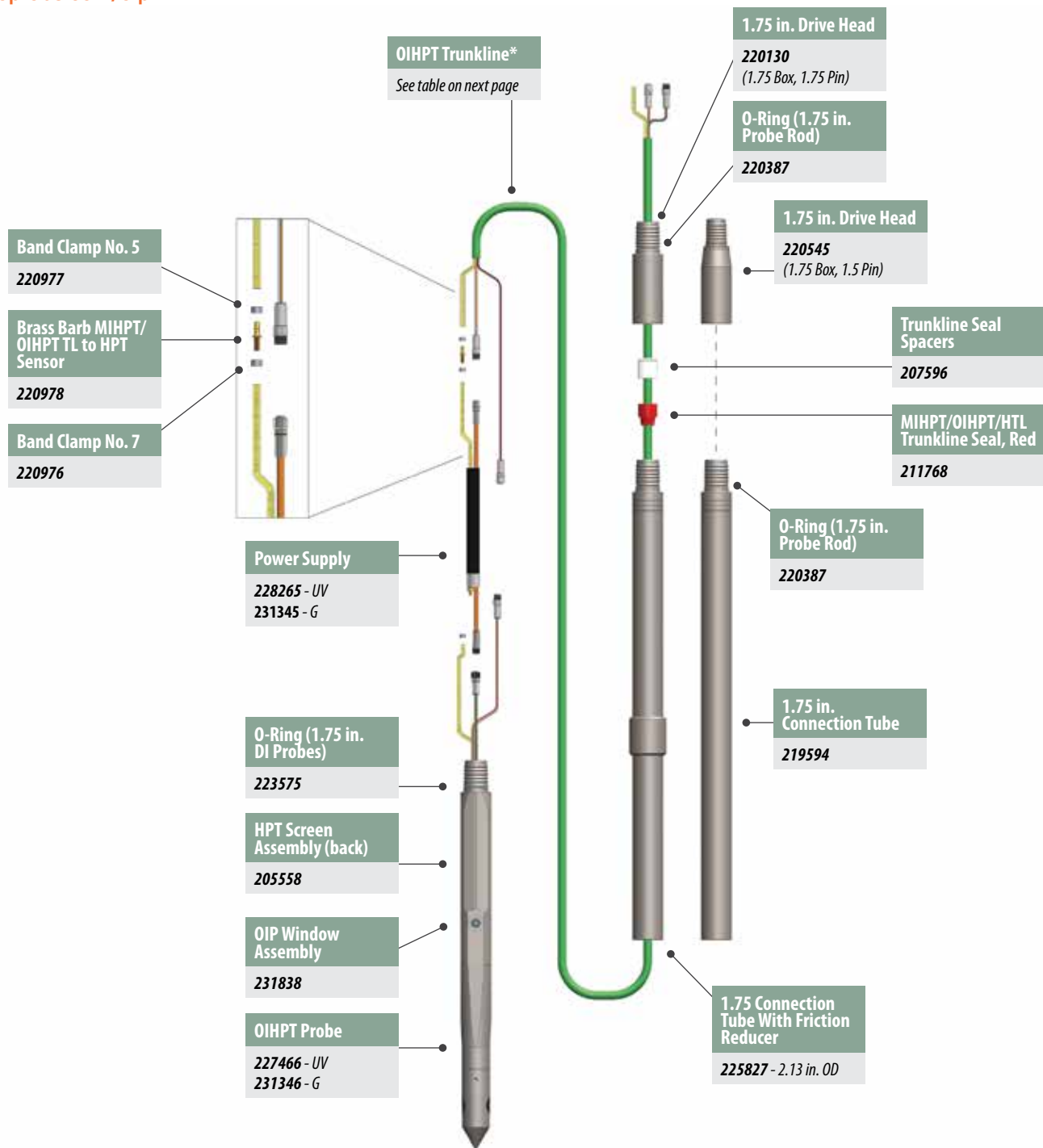
Accessories

Components	Part	MN	Notes
	MIP Service Kit	214142	
	HPT Service Kit	205599	
	MIP Thermocouple Assembly	208045	
	MIP Membrane Assembly	214126	
	Copper Washer Seal	102520	0.79 in. OD
	HPT Screen Assembly	205558	

Accessories (continued)

Components	Part	MN	Notes
	HPT Spring Washer	215453	Quantity: 10
	MIHPT Screen Ratchet Wrench Assembly	212094	
	MIHPT Screen Ratchet Wrench Head Assembly	212095	
	HPT Sensor Module	210091	
	Band Clamp No. 7	220976	Quantity: 10
	Band Clamp No. 5	220977	Quantity: 10
	Brass Barb MIHPT/OIHPT TL to HPT Sensor	220978	Quantity: 5
	O-Ring (1.75 in. Probe Rod)	220387	Quantity: 25
	O-Ring (1.75 in. DI Probes)	223575	Quantity: 10
	O-Ring (2.25 in. DI Probes)	220388	Quantity: 10
	Ferrule 1/16 in. x .8 mm Graphite/Vespel	108116	
	Ferrule Set Brass 1/16 in.	210555	Quantity: 10
	Nut Hex BRS 1/16 in. Comp Tube	210557	Quantity: 10
	Nut Hex BRS 1/8 in. Comp Tube Swagelok	102071	
	MIP 120V TL Heater Connector	112805	
	Conn Thermocouple "K" Type Male	101498	
	Term Block 4 Pos, Green	101465	
	MP6520 Probe Butt Conn Green	208657	Quantity: 10
	MP6520 Probe Butt Conn Red	208658	Quantity: 10
	EC Dipole Tester	205724	
	HPT Reference Cylinder	212689	For 1.75 in. and smaller probes
	HPT Reference Cylinder	211762	For 2.25 in. probes
	MIP Breakout Connection Panel	211100	
	Flow Meter Digital MIP	600227	
	Flow Meter ADM Cartridge	114654	NEW
	XSD Probe Assembly	112878	
	XSD Reactor Core	213495	
	PID Lamp Model #108-10.0/10.6	600044	
	MIP Soil Gas Response Test Jig	231500	
	MIP Nafion Dryer Tube	600150	SS, 24 in. LG

geoprobe.com/oip



*Switching from UV to G is a swap of the probe and power supply.

Running OIP without HPT

To run OIP without HPT, you need to plug off the HPT port on the probe (HPT Port Plug 226700) and use the tools above.

Note

CPT options are available in the OIHPT/MIHPT – CPT Sub section

Soil imaging probe and method of processing soil image to detect hydrocarbon contamination manufactured under US Patents 10,371,637 and 10,739,264

Instruments, Controllers

Components	Part	MN	Notes
	Field Instrument	213940	110V
		213941	220V
	OIP Interface	224720	100-220VAC
	HPT Flow Controller	214091	110V
		214093	220V

Probes

Components	Part	MN	Notes
	OIHPT-UV Probe	227466	UV275
		231346	GL525

Trunklines & Accessories

Components	Part	MN	Notes
	OIHPT Trunkline	228253	100 ft.
		228254	150 ft.
		231482	200 ft.
	OIHPT-UV Power Supply	228265	
		231345	
	Trunkline Seal Spacers	207596	Pair
		MIHPT/OIHPT/HTL Trunkline Seal, Red	211768

1.75 in. Components

Components	Part	MN	Notes
	1.75 RHSL Box x 1.75 RHML Pin	220130	4.08 in. S-S
	O-Ring (1.75 in. Probe Rod)	220387	Quantity: 25
	1.75 in. Drive Head	220545	1.75 Box x 1.5 Pin
	O-Ring (1.5 in. Probe Rod)	202695	Quantity: 25
	1.75 Connection Tube With Friction Reducer	225827	2.13 in. OD
	1.75 in. Connection Tube	219594	

S-S (Shoulder to Shoulder)

Accessories

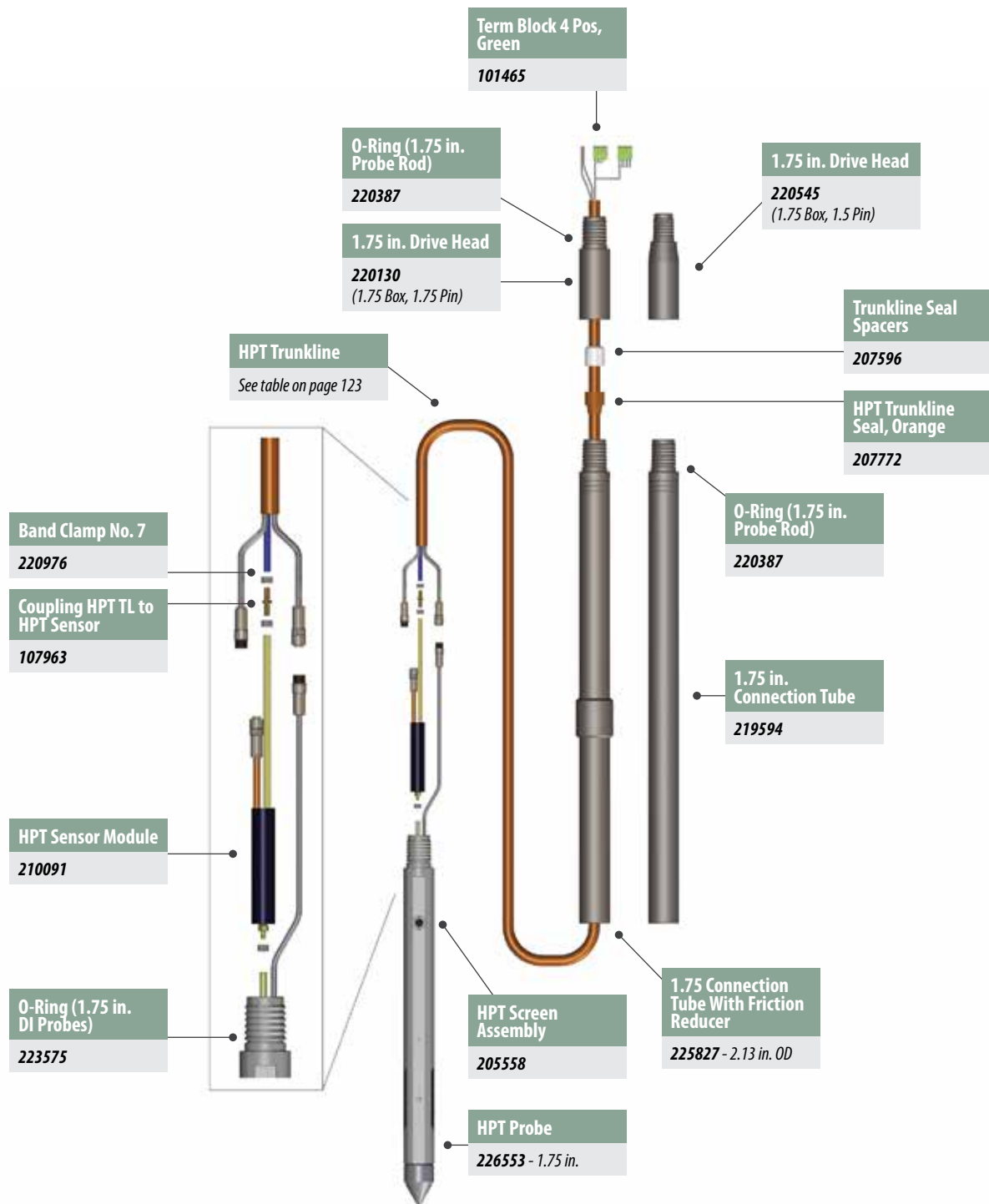
Components	Part	MN	Notes
	OIP Window Assembly	231838	4 mm
	O-Ring (1.75 in. DI Probes)	223575	Quantity: 10
	OIP Window Seals	224959	Quantity: 10
	OIP Window Ratchet Wrench Assembly	225140	
	OIP Window Ratchet Wrench Head Assembly	225139	
	MIP-HPT Screen Ratchet Wrench Assembly	212094	
	MIP-HPT Screen Ratchet Wrench Head Assembly	212095	
	Four Sided Cuvette Holder Assembly	225952	
	Cuvette Quartz 3500 uL	112784	Quantity: 2
	EC Dipole Tester	205724	
	OIP Service Kit	226361	
	HPT Service Kit	205599	
	OIP Test Load	228240	
	OIP Trunkline Pigtail	227458	Down Hole End
	OIP Trunkline Pigtail	227459	Down Hole End
	OIP Trunkline Pigtail	227461	Up Hole End
	OIP Trunkline Pigtail	227462	Up Hole End
	Brass Barb MIHPT/OIHPT TL to HPT Sensor	220978	Quantity: 5
	Band Clamp No. 7	220976	Quantity: 10
	Band Clamp No. 5	220977	Quantity: 10
	HPT Reference Cylinder	212689	For 1.75 in. and smaller probes
	HPT Reference Cylinder	211762	For 2.25 in. probes
	1.75 in. Solid Drive Point	222652	2.0 in. OD
	1.5 in. Solid Drive Point	202637	1.7 in. OD

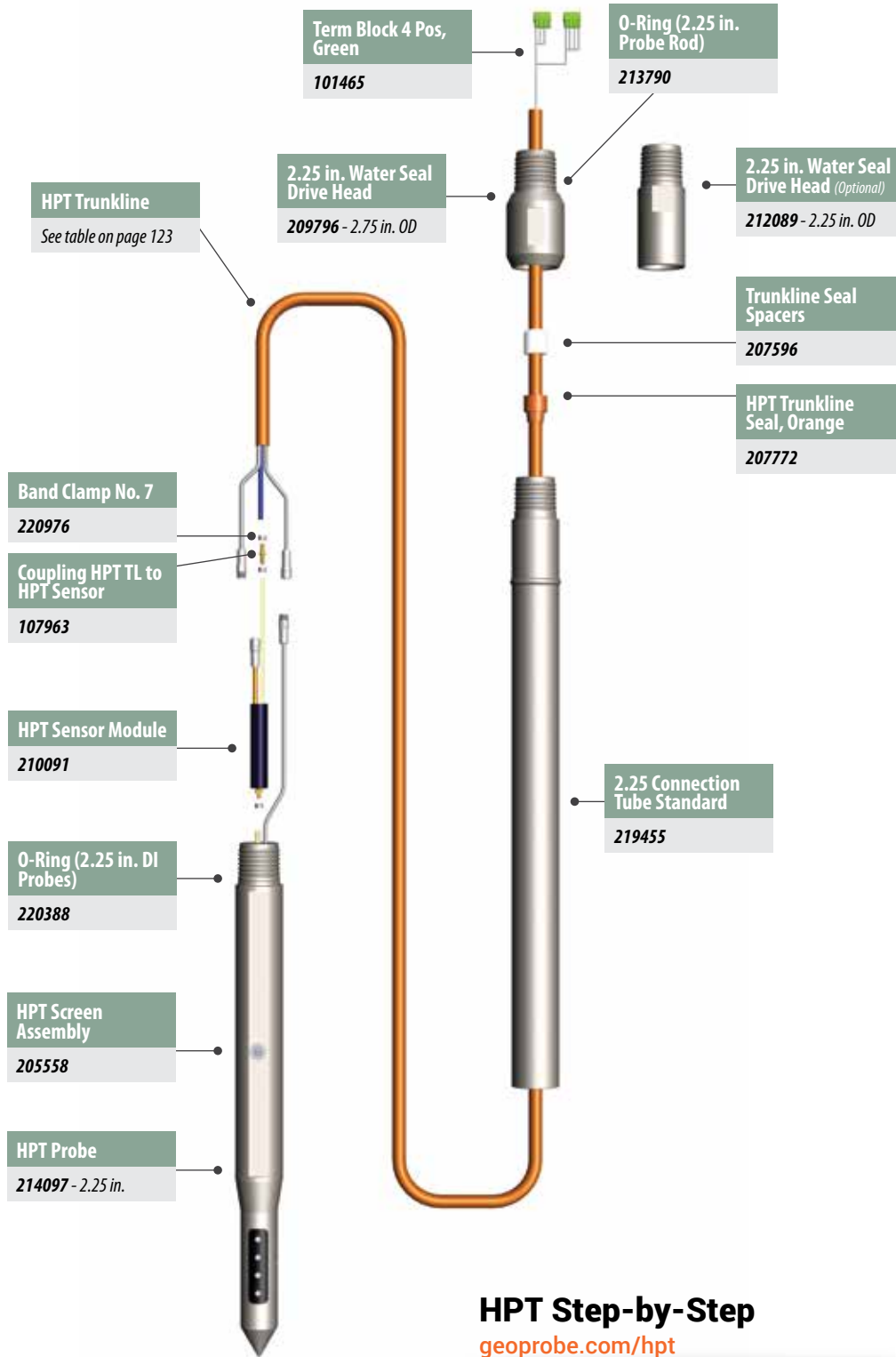
OIHPT Step-by-Step

geoprobe.com/oip



This step-by-step demo goes through setup and sampling with the OIHPT system.





HPT Step-by-Step

geoprobe.com/hpt



Learn how to log using the HPT system in this step-by-step video.

Instruments, Controllers

Components	Part	MN	Notes
	Field Instrument	213940	110V
		213941	220V
	HPT Flow Controller	214091	110V
		214093	220V

Probes

Components	Part	MN	Notes
	HPT Probe	226553	1.75 in.
	HPT Probe	214097	2.25 in.

Trunklines & Accessories

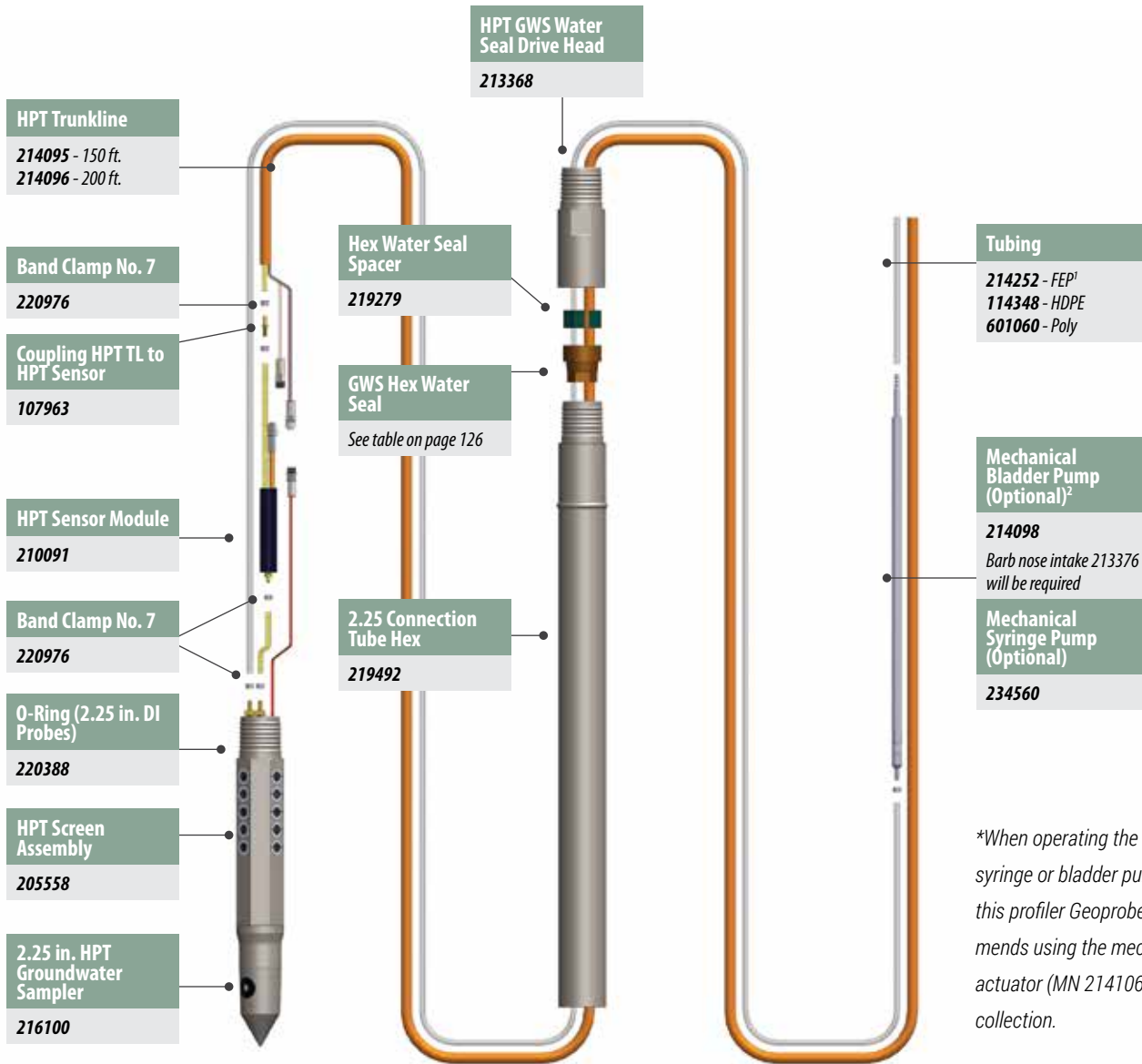
Components	Part	MN	Notes
	HPT Trunkline	214095	150 ft.
		214096	200 ft.
	HPT Trunkline Seal, Orange	207772	
	Trunkline Seal Spacers	207596	Pair

Accessories

Components	Part	MN	Notes
	HPT Service Kit	205599	
	HPT Screen Assembly	205558	
	HPT Spring Washer	215453	Quantity: 10
	HPT Sensor Module	210091	
	Coupling HPT TL to HPT Sensor	107963	
	Band Clamp No. 7	220976	Quantity: 10
	MIP-HPT Screen Ratchet Wrench Assembly	212094	
	MIP-HPT Screen Ratchet Wrench Head Assembly	212095	
	HPT Reference Cylinder	212689	For 1.75 in. and smaller probes
	HPT Reference Cylinder	211762	For 2.25 in. probes
	Wenner Array Probe Test Jig	214237	
	EC Test Load, 3 Level Test	208075	
	HPT Controller Test Load	206552	
	140 Micron Filter Replacement HPT	110223	
	HPT Trunkline - EC Pigtail	220974	
	HPT Trunkline - Sensor Pigtail	220975	
	Term Block 4 Pos, Green	101465	
	HPT Line Pressure Sensor	112735	
	HPT Flow Sensor	106479	

1.75 in. & 2.25 in. Components

Components	Part	MN	Notes
	1.75 RHSL Box x 1.75 RHML Pin	220130	4.08 in. S-S
	O-Ring (1.75 in. Probe Rod)	220387	Quantity: 25
	1.75 in. Drive Head	220545	1.75 Box x 1.5 Pin
	O-Ring (1.5 in. Probe Rod)	202695	Quantity: 25
	1.75 Connection Tube With Friction Reducer	225827	2.13 in. OD
	1.75 in. Connection Tube	219594	
	O-Ring (1.75 in. DI Probes)	223575	Quantity: 10
	O-Ring (2.25 in. Probe Rod)	213790	Quantity: 25
	2.25 in. Water Seal Drive Head	209796	2.75 in. OD
	2.25 in. Water Seal Drive Head	212089	2.25 in. OD
	2.25 Connection Tube Standard	219455	
	O-Ring (2.25 in. DI Probes)	220388	Quantity: 10

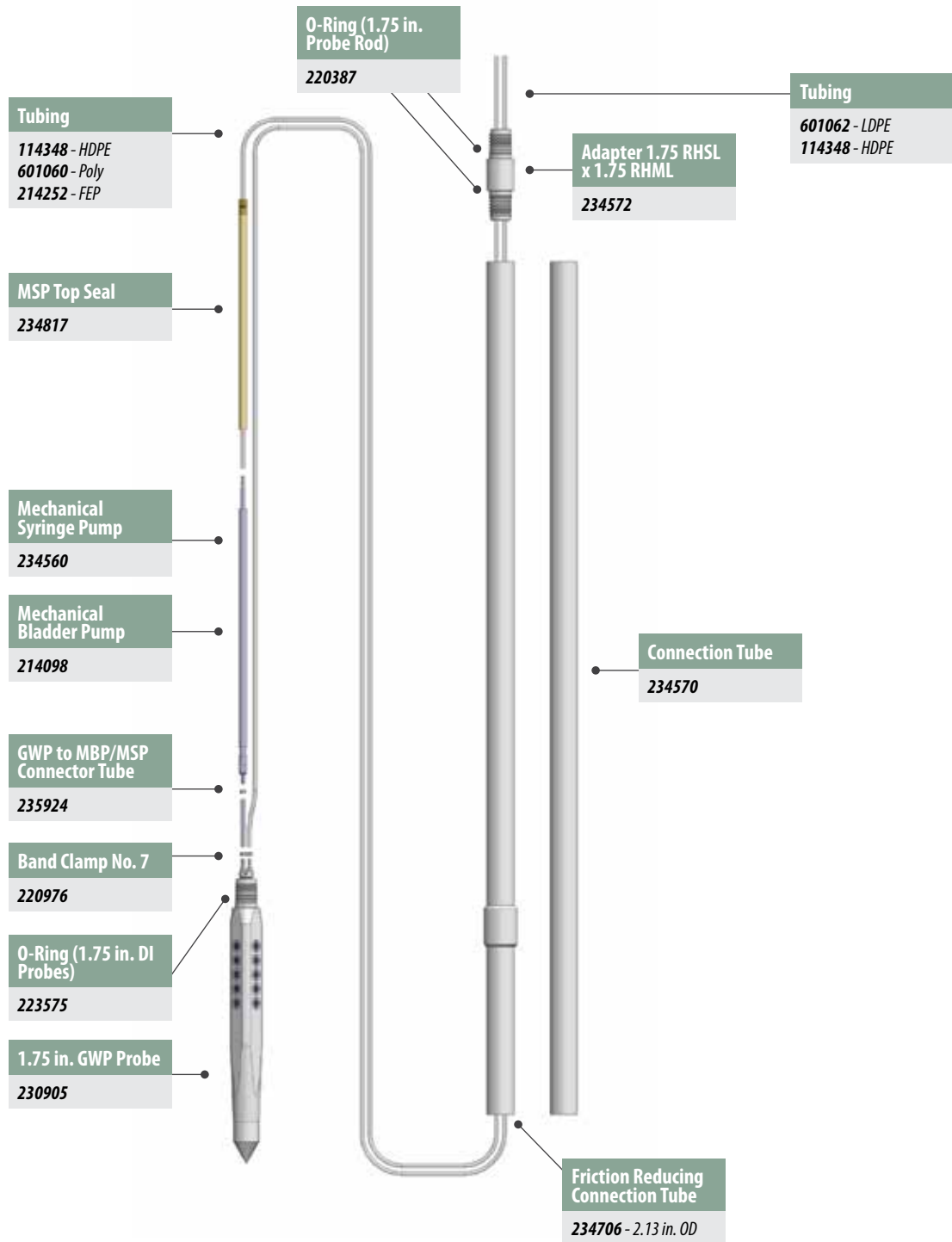


*When operating the mechanical syringe or bladder pump within this profiler Geoprobe® recommends using the mechanical actuator (MN 214106) for sample collection.

¹Not recommended for PFAS sampling.

²Recommended for VOC sampling except when sampling > 5 samples per boring.

geoprobe.com/1.75gw



NOTE: When shallow groundwater conditions are present the 175GWP may be operated with a peristaltic pump from the surface. In this case a down hole pump is not used. With this setup the standard length 1.75-in. connection tubes (219594 or 225827 with friction reducer) may be used.

When operating the mechanical syringe or bladder pump within this profiler Geoprobe® recommends using the mechanical actuator (MN 214106) for sample collection.

HPT-GWS

Probes

Components	Part	MN	Notes
	2.25 in. HPT Groundwater Sampler	216100	

Accessories

Components	Part	MN	Notes
	2.25 Connection Tube Hex	219492	
	HPT GWS Water Seal Drive Head	213368	Connects to push rods
	HPT Trunkline	214095	150 ft.
		214096	200 ft.
	Peristaltic GWS Hex Water Seal	218212	
	Hex HPT GWS Water Seal	216671	
	Heated MIHPT Hex Water Seal	218052	
	Hex Water Seal Spacer	219279	
	2.25 Adapter Weldment MBP Actuator	216627	

1.75 GROUNDWATER PROFILER

Probes

Components	Part	MN	Notes
	1.75 in. GWP Probe	230905	

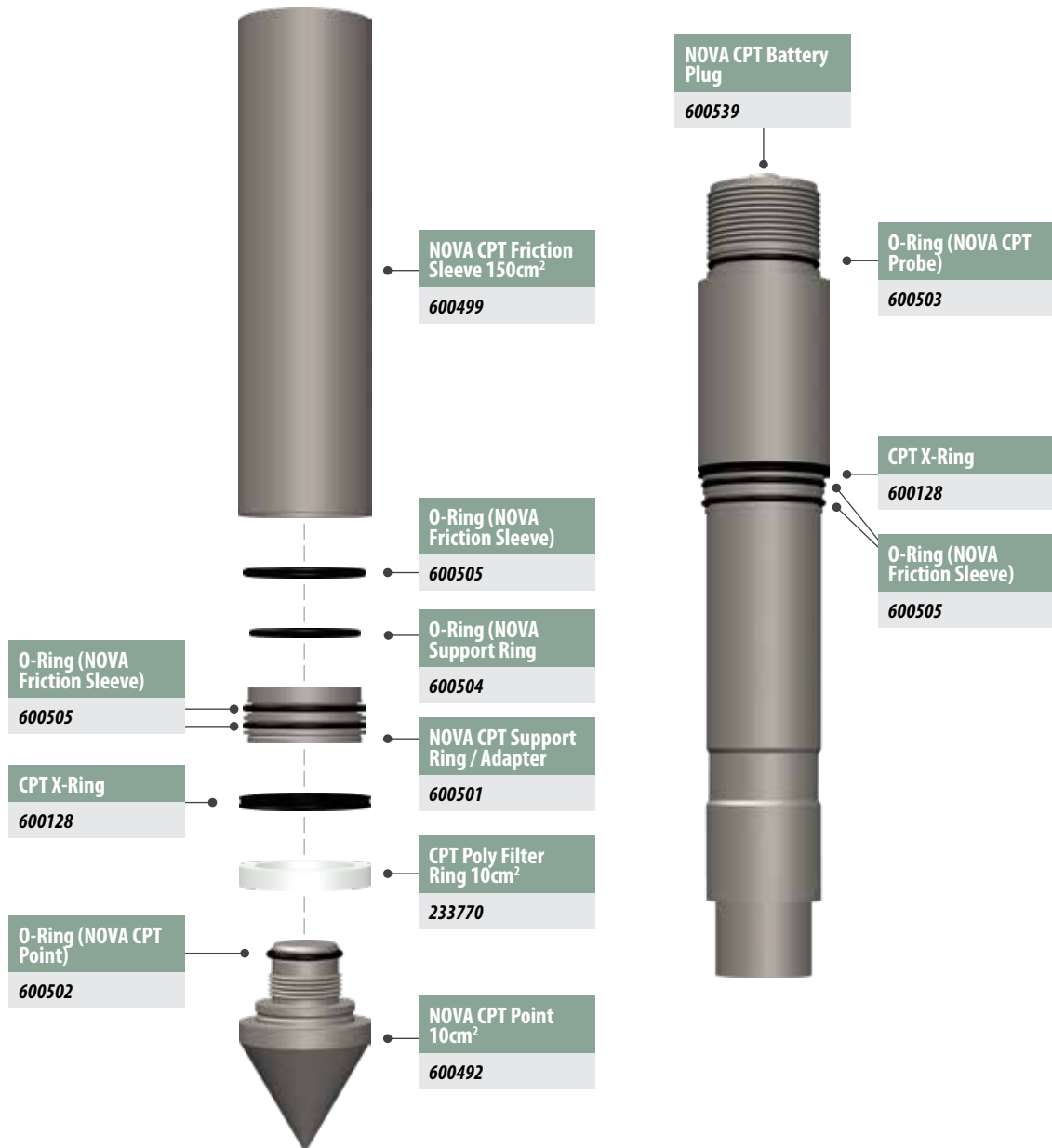
Accessories

Components	Part	MN	Notes
	Friction Reducing Connection Tube NEW	234706	1.75 in. x 1.3 m
	Connection Tube NEW	234570	1.75 in. x 1.3 m
	Adapter 1.75 RHSL x 1.75 RHML NEW	234572	
	O-Ring (1.75 in. Probe Rod)	220387	Quantity: 25
	1.75 in. Adapter Weldment MBP Actuator	230360	
	GWP HPT Sensor Cable	230985	Used in up-hole configuration
	O-Ring (1.75 in. DI Probes)	223575	Quantity: 10

COMBINED COMPONENTS

Components	Part	MN	Notes
	HPT Spring Washer	215453	Quantity: 10
	HPT Screen Assembly	205558	
	MIP-HPT Screen Ratchet Wrench Assembly	212094	
	MIP-HPT Screen Ratchet Wrench Head Assembly	212095	
	HPT Sensor Module	210091	
	MSP Mechanical Syringe Pump NEW	234560	
	Mechanical Bladder Pump	214098	
	LDPE Tubing	601062	1/4 in. OD x 3/16 in. ID x 500 ft.
	HDPE Tubing NEW	114348	1/4 in. OD x .040 in. Wall x 500 ft.
	Polypropylene Tubing	601060	1/4 in. OD x 3/16 in. ID x 500 ft.
	FEP Tubing	214252	1/4 in. OD x 3/16 in. ID x 100 ft.
	Coupling HPT TL to HPT Sensor	107963	
	Band Clamp No. 7	220976	Quantity: 10
	MBP Service Kit	214112	
	MSP Service Kit NEW	236511	

Components	Part	MN	Notes
	MBP/MSP Barb Nose Intake	213376	
	MBP/MSP Electric Actuator	214106	12VDC
	Tubing Clamp Pair MBP Actuator	223584	.25 in.
	Slotted Seal Nut	216619	
	MSP Stainless Steel Piston	230993	
	O-Ring Installation Tool (MSP Piston) NEW	236023	
	MSP Piston O-Ring	230914	Quantity: 10
	MSP Piston Wear Ring NEW	233892	Quantity: 10
	MBP/MSP Check Ball Stainless Steel	103212	Quantity: 10
	MBP/MSP Heavy Compression Spring NEW	114347	
	O-Ring (MBP/MSP Lower Bladder Adapter) NEW	234553	Quantity: 25
	O-Ring (MBP Adapters)	214210	Quantity: 25
	MBP/MSP Top Seal NEW	234817	
	GWP to MBP/MSP Connector Tube NEW	235924	Quantity: 10



Accessories

Components	Part	MN	Notes
	NOVA CPT Point 10cm ²	600492	O-ring: 600502
	NOVA CPT Friction Sleeve 150cm ²	600499	
	NOVA CPT Support Ring / Adapter	600501	
	CPT Poly Filter Ring 10cm ²	233770	Quantity: 10
	CPT X-Ring	600128	
	O-Ring (NOVA Friction Sleeve)	600505	Quantity: 10

Components	Part	MN	Notes
	O-Ring (NOVA Support Ring Inner)	600504	Quantity: 10
	O-Ring (NOVA CPT Point)	600502	
	O-Ring (NOVA CPT Probe)	600503	
	CPT Filter Ring	600125	Brass
	NOVA CPT Battery Plug	600539	



Accessories

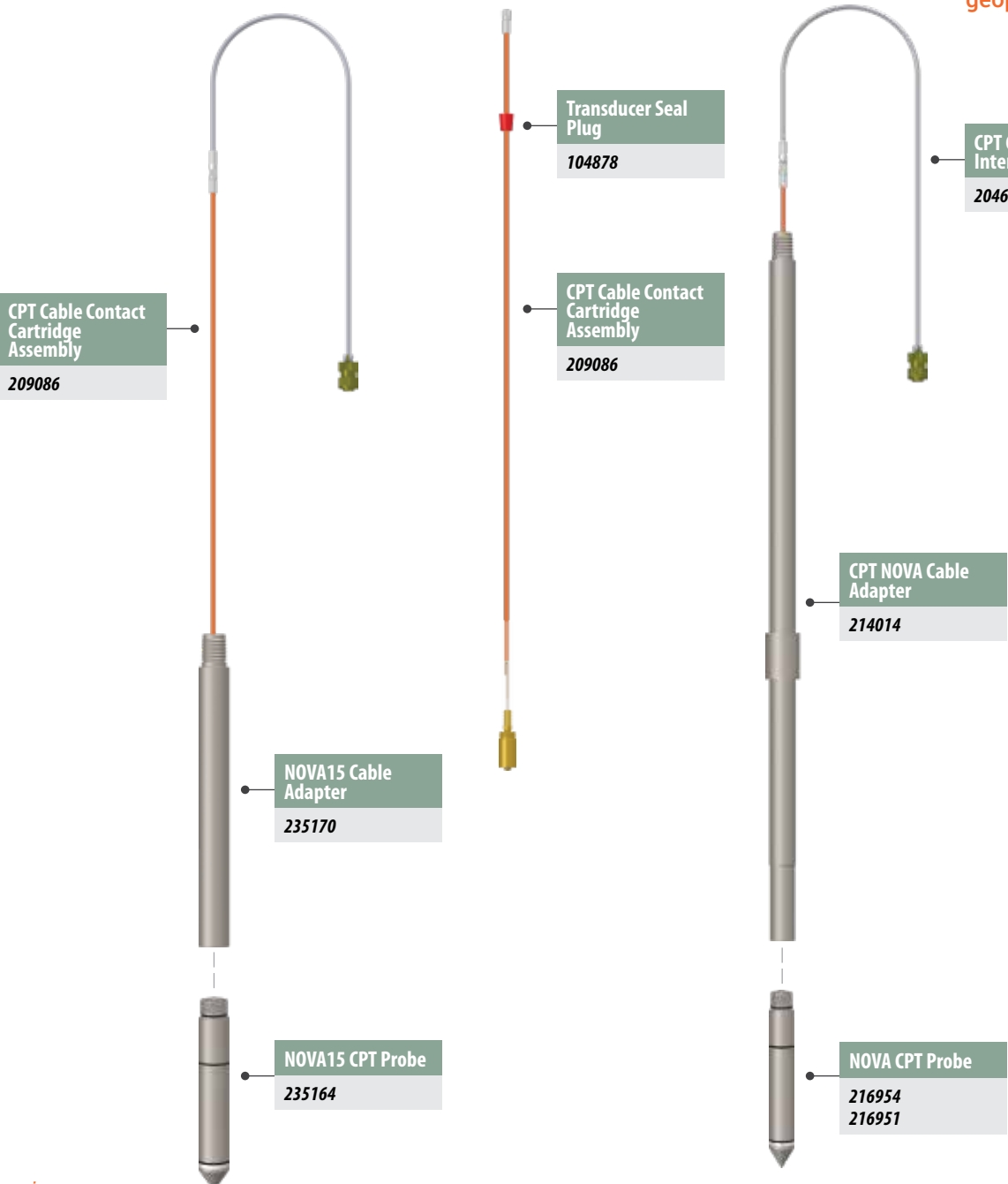
Components	Part	MN	Notes
	NOVA15 CPT Friction Sleeve NEW	116075	
	NOVA15 CPT Point, 15cm ² NEW	116076	
	NOVA15 CPT Support Ring Adapter NEW	116088	
	NOVA15 CPT X-Ring NEW	234947	Quantity: 10
	NOVA 15 Poly Filter 15cm ² NEW	234954	Quantity: 10
	O-Ring (NOVA15 CPT Probe) NEW	234948	Quantity: 10

Components	Part	MN	Notes
	O-Ring (NOVA15 Friction Sleeve Outer) NEW	234949	Quantity: 10
	O-Ring (NOVA15 Friction Sleeve Inner) NEW	234950	Quantity: 10
	O-Ring (NOVA15 CPT Friction Sleeve) NEW	234951	Quantity: 10
	O-Ring (NOVA15 Support Ring Adapter) NEW	234952	Quantity: 10
	O-Ring (NOVA15 CPT Point, 15cm ²) NEW	234953	Quantity: 10



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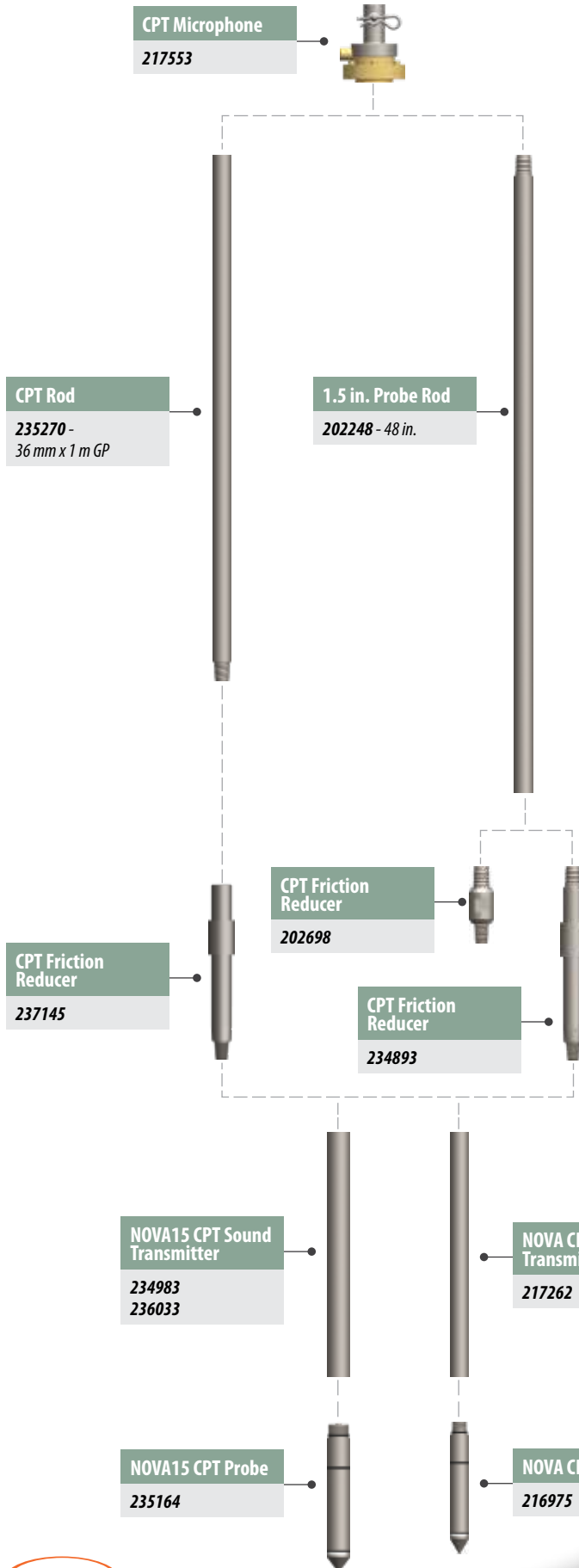
Accessories

Components	Part	MN	Notes
	NOVA15 CPT Probe NEW	235164	100, 1.5, 5.0, Tilt
	NOVA CPT Cable Probe	216954	100, 1.0, 2.0, Tilt
	NOVA CPT Probe	216951	100, 1.0, 5.0, Tilt (Custom)
	CPT NOVA Cable Adapter	214014	1.5 in. Rod Assembly
	NOVA15 Cable Adapter NEW	235170	
	NOVA15 CPT Cable Probe NEW	234930	100, 1.5, 5.0, Tilt

Components	Part	MN	Notes
	CPT Cable Contact Cartridge Assembly	209086	
	Soil Conductivity Probe Cord	214229	97 ft.
	CPT Cable to Interface Cord	204605	1 ft.
	Transducer Seal Plug	104878	
	1.75 in. Drive Head	220545	1.75 Box x 1.5 Pin



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Accessories

Components	Part	MN	Notes
	CPT Microphone	217553	20 ton
	CPT Rod	NEW 235270	36 mm x 1 m GP, rope thread
	1.5 in. Probe Rod	202248	48 in.
	CPT Friction Reducer	NEW 237145	CPT/GP Box, 2 in. OD
	CPT Friction Reducer	202698	1.5/CPT
	NOVA15 CPT Sound Transmitter	NEW 234983	
	CPT Friction Reducer	NEW 234893	1.5/CPT, 12 in.
	NOVA15 Sound Transmitter	NEW 236033	44 mm Rod
	NOVA CPT Sound Transmitter	217262	
	NOVA15 CPT Probe	NEW 235164	100,1.5,5.0,Tilt
	NOVA CPT Probe	216975	Q=100 FS=1.0 U=2
	CPT Microphone Mount	202107	54 Series
	CPT Microphone Mount Top Bolt	201278	
	CPT Microphone Mount	203972	1-5/8 in. Hex
	CPT Microphone Mount	202548	GH60 Series
	NOVA CPT Mic Cable	206640	Cordless CPT 10cm ²

Geoprobe® CPT Platforms

geoprobe.com/cpt-platforms



This video takes a look at the various CPT platforms Geoprobe® has available.



Seismic Sections

Components	Part	MN	Notes
	GP10 Seismic Section NEW	236237	
	GP10 Seismic Section, GP CPT Box NEW	239429	
	GP15 Seismic Section V2 NEW	238116	
	GP15 Seismic Section V2, GP CPT Box NEW	240664	

Replaceable Trigger Components

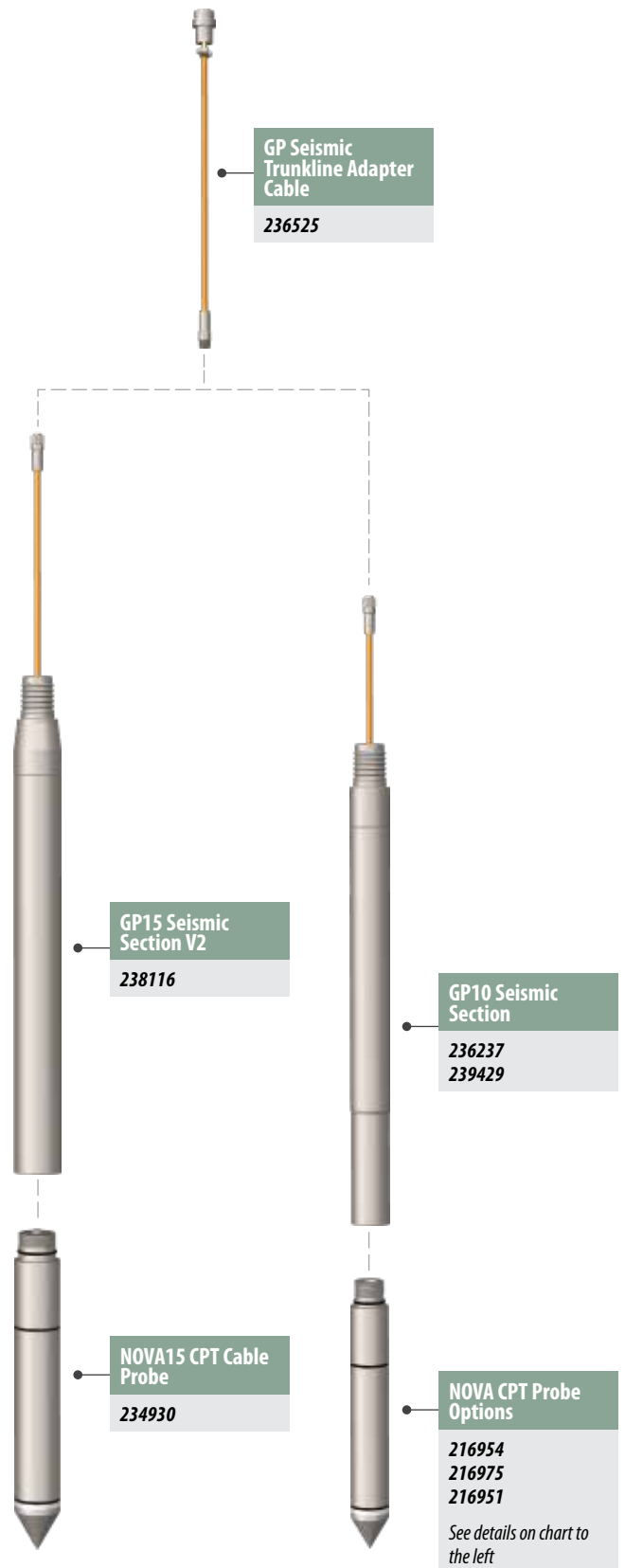
Components	Part	MN	Notes
	Seismic CPT Hammer with Trigger NEW	202781	
	Seismic Shear Plate	205448	
	Seismic CPT Shear Plate Cable NEW	236645	
	Seismic CPT Hammer NEW	236641	
	Seismic CPT Hammer Cable NEW	236614	
	Seismic CPT Trigger Connection Hub NEW	236643	
	Seismic CPT Trigger Cable NEW	236528	15 ft.
	Seismic CPT Trigger Hub Connection Cable NEW	236648	

Replaceable Interface Cables

Components	Part	MN	Notes
	DI Cordset 5 Cond NEW	236232	0.25 in. X 150 ft.
	Cable, 2m, USB "A" to Sealed USB "B" NEW	500965	
	GP Seismic Trunkline Adapter Cable NEW	236525	3 ft.
	Seismic CPT to CPT Cable NEW	235456	4 ft.
	Seismic CPT Trigger Cable NEW	236528	15 ft.

Probes

Components	Part	MN	Notes
	NOVA15 CPT Cable Probe NEW	234930	100, 1.5, 5.0, Tilt
	NOVA CPT Cable Probe	216954	100, 1.0, 2.0, Tilt
	NOVA CPT Probe	216975	100, 1.0, 2.0, Tilt
	NOVA CPT Probe	216951	100, 1.0, 5.0, Tilt (Custom)



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Interface & Cables

Components	Part	MN	Notes
	NOVA CPT Computer Interface	217259	
	USB to Serial Converter	103782	
	NOVA CPT Stringpot	235932	
	CPT Serial Cable	232928	3 ft.
	CPT Serial Cable	201292	20 ft.
	CPT Serial Cable	203435	35 ft.
	CPT Power Cable	234108	12V, 3 ft.
	CPT - Machine Power Cable	237095	12V, 9 ft.
	CPT Power Cable	202547	12V Plug
	NOVA CPT Mic Cable	232929	9 ft.
	NOVA CPT Mic Cable	206640	
	CPT Microphone Cable	201291	20 ft.
	NOVA CPT Stringpot Cable	232927	9 ft.
	NOVA CPT Stringpot Cable	216972	17 ft.
	NOVA CPT Stringpot Cable	209709	32 ft.

Friction Reducers and Adapters

Components	Part	MN	Notes
	CPT Friction Reducer	236659	1.5/1.5, 12 in.
	CPT Friction Reducer	234893	1.5/CPT, 12 in.
	CPT Friction Reducer	202698	1.5/CPT
	CPT Adapter	234841	CPT/1.5 Pin, 12 in.
	CPT Adapter	237140	CPT/GP Box
	CPT Friction Reducer	237145	CPT/GP Box, 2 in. OD
	NOVA CPT Rod with Friction Reducer	209663	
	CPT Friction Reducer	239033	GP/GP, 12 in., 2 in. OD

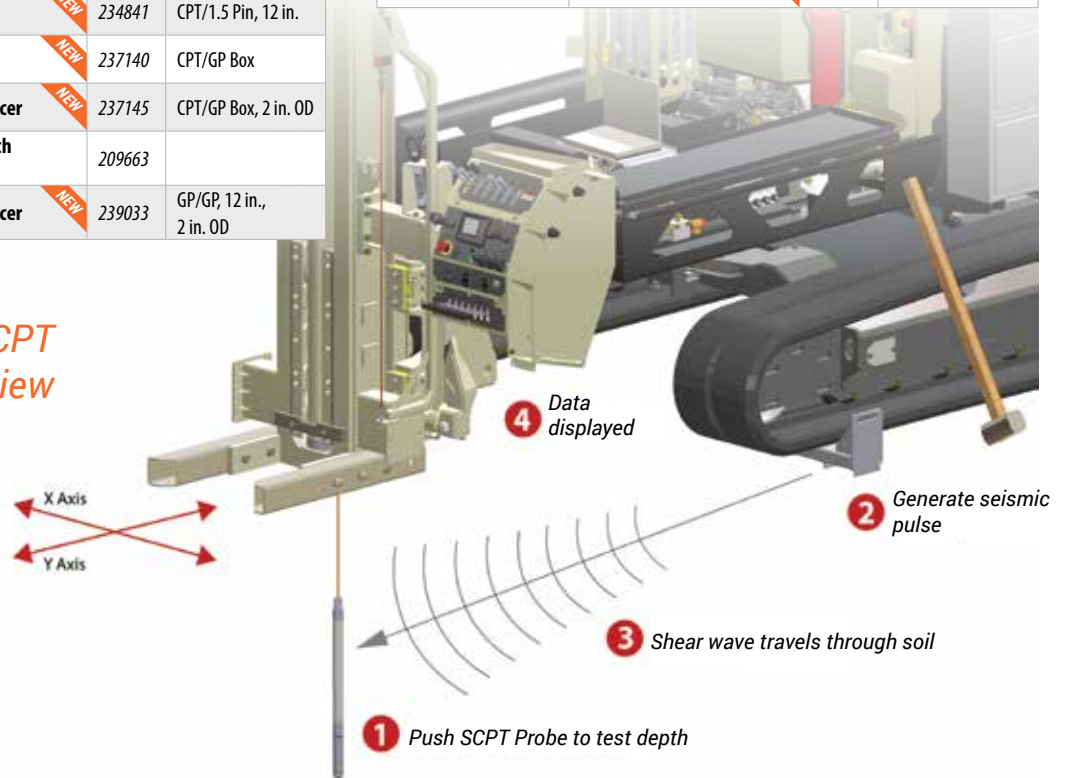
Anchors & Accessories

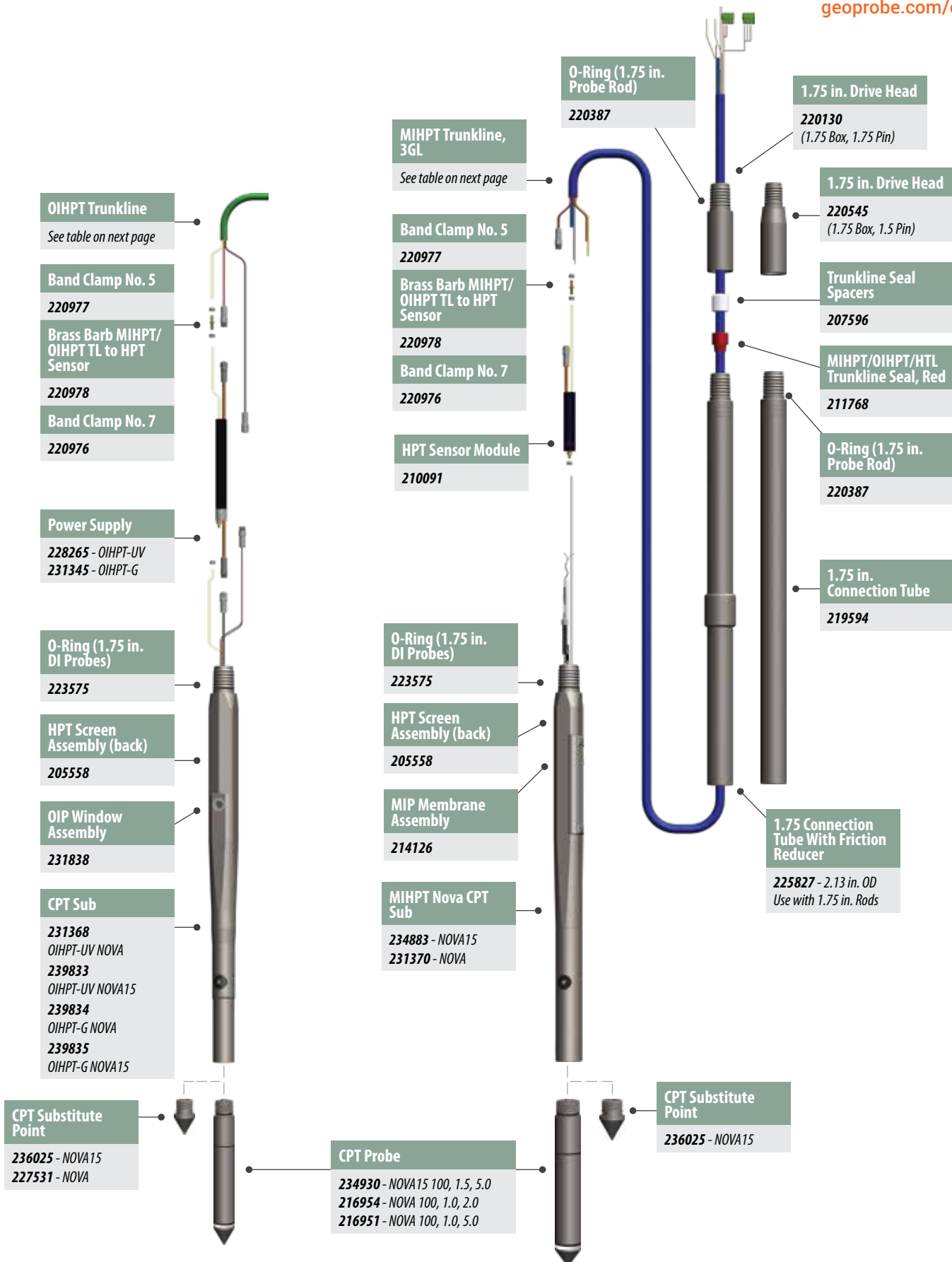
Components	Part	MN	Notes
	Soil Anchor	235227	10 in. Spiral, 1.625 Hex
	Soil Anchor	235239	15 in. Spiral, 1.625 Hex
	Soil Anchor Extension	205072	60 in.
	Soil Anchor Extension	235575	12 in. Spiral, Used for dual anchor
	Hex Extension	234097	12 in.
	CPT Anchor Bridge	239335	4 ft.
	CPT Anchor Footbridge	212131	Larger foot bridge
	CPT Bridge Weldment	231180	78/31 Series
	Soil Anchor Pinning Brackets	205209	Holds anchors against bridge

Accessories

Components	Part	MN	Notes
	HSA Auger Connecting Pin	600193	1-5/8 in. Hex, 77/66 Series Machines
	Rod Bushing CPT/1.5	205617	6625CPT
	CPT Rod Guide	231522	78/31 Series
	GP CPT Transport Case	219940	
	CPT - PRO Interpretation Software	600167	
	CPT Saturation Kit	205233	
	NOVA Memory Download USB Cable	206689	
	NOVA15 No-Go Gauge	236688	
	NOVA No-Go Gauge	236689	







Seismic CPT Overview








Soil imaging probe and method of processing soil image to detect hydrocarbon contamination manufactured under US Patents 10,371,637 and 10,739,264



Subs

Components	Part	MN	Notes
	OIHPT-UV NOVA CPT Sub	231368	For 10cm ² Cone
	OIHPT-UV NOVA15 CPT Sub NEW	239833	For 15cm ² Cone
	OIHPT-G NOVA CPT Sub NEW	239834	For 10cm ² Cone
	OIHPT-G NOVA15 CPT Sub NEW	239835	For 15cm ² Cone
	MIHPT 15CM Nova CPT Sub NEW	234883	For 15cm ² Cone
	MIHPT Nova CPT Sub	231370	For 10cm ² Cone


Probes

Components	Part	MN	Notes
	NOVA CPT Cable Probe	216954	100, 1.0, 2.0, Tilt
	NOVA CPT Probe	216951	100, 1.0, 5.0, Tilt (Custom)
	NOVA15 CPT Cable Probe NEW	234930	100, 1.5, 5.0, Tilt

Trunklines & Accessories

Components	Part	MN	Notes
	OIHPT Trunkline	228253	100 ft.
		228254	150 ft.
		231482	200 ft.
	MIHPT Trunkline, 3GL	236309	100 ft.
		236310	150 ft.
		236311	200 ft.

Accessories

Components	Part	MN	Notes
	CPT Substitute Point NOVA Cone NEW	227531	
	CPT Substitute Point NOVA15 Cone	236025	
	OIP Window Assembly NEW	231838	4 mm
	MIP Membrane Assembly	214126	
	HPT Screen Assembly	205558	
	MIP-HPT Screen Ratchet Wrench Assembly	212094	
	OIP Window Ratchet Wrench Assembly	225140	
	OIHPT-UV Power Supply	228265	
	OIHPT-G Power Supply	231345	
	HPT Sensor Module	210091	
	Band Clamp No. 7	220976	Quantity: 10
	Brass Barb MIHPT/OIHPT TL to HPT Sensor	220978	Quantity: 5
	Band Clamp No. 5	220977	Quantity: 10
	1.75 Connection Tube With Friction Reducer	225827	2.13 in. OD
	1.75 in. Connection Tube	219594	
	1.75 in. Drive Head	220545	1.75 Box x 1.5 Pin
	1.75 in. Drive Head	220130	1.75 Box x 1.75 Pin
	MIHPT/OIHPT/HTL Trunkline Seal, Red	211768	
	Trunkline Seal Spacers	207596	Pair
	O-Ring (1.75 in. DI Probes)	223575	Quantity: 10

7822DT CPT Testing

geoprobe.com/7822dt



CPT testing with the 7822DT gives the rig even more capabilities.

3100GT CPT Testing

geoprobe.com/3100gt



The truck mounted 3100GT makes moving from site-to-site quick and easy.

3230DT CPT Testing

geoprobe.com/3230dt



See how the 3230DT combination rig is configured for CPT testing.

3126GT CPT Testing

geoprobe.com/3126gt



Watch how the 3126GT side-shift makes CPT testing simple.

geoprobe.com/vane

Accessories

Components	Part	MN	Notes
	Electrical Vane Test Instrument/Gearbox	221266	
	Vane Transport Case - Instrument Motor	112835	
	Vane Instrument Mounting Ring	112889	
	Vane Log Logging Software for Windows	112836	
	Vane Power Cable	223010	12Vdc, 4A
	Vane Serial Cable	223014	RS232
	Vane Torque Wrench Control Instrument	112837	Optional for field confirmation
	Eurocode Field Vane	600468	65 mm x 130 mm
	2.25 in. Probe Rod	204778	1 m
		204777	12 in.
		206588	24 in.

Components	Part	MN	Notes
	Vane Inner Ext Rods (22 mm x 1000 mm)	112886	
	Adapter 2.25 Pin x Geotech SPT Pin	213295	Adapts Eurocode sheath to rods
	Vane Gearbox 2.25 in. Rod Clamp	221557	For mounting gearbox to casing
	Vane (65 mm x 130 mm)	600509	Vane Blade
	Vane (50 mm x 110 mm)	601086	Vane Blade
	Vane Slip Coupling	600510	
	Field Vane Sheath Seal	600497	Repair Part
	Vane Slip Coupling Rubber Boot	112261	Repair Part
	Vane Slip Coupling Needle Bearings	112683	Repair Part
	Vane Slip Coupling Pin	112684	Repair Part



Watch this video to learn about our dual flight anchors.

geoprobe.com/anchoring

Single bridge with dual anchor



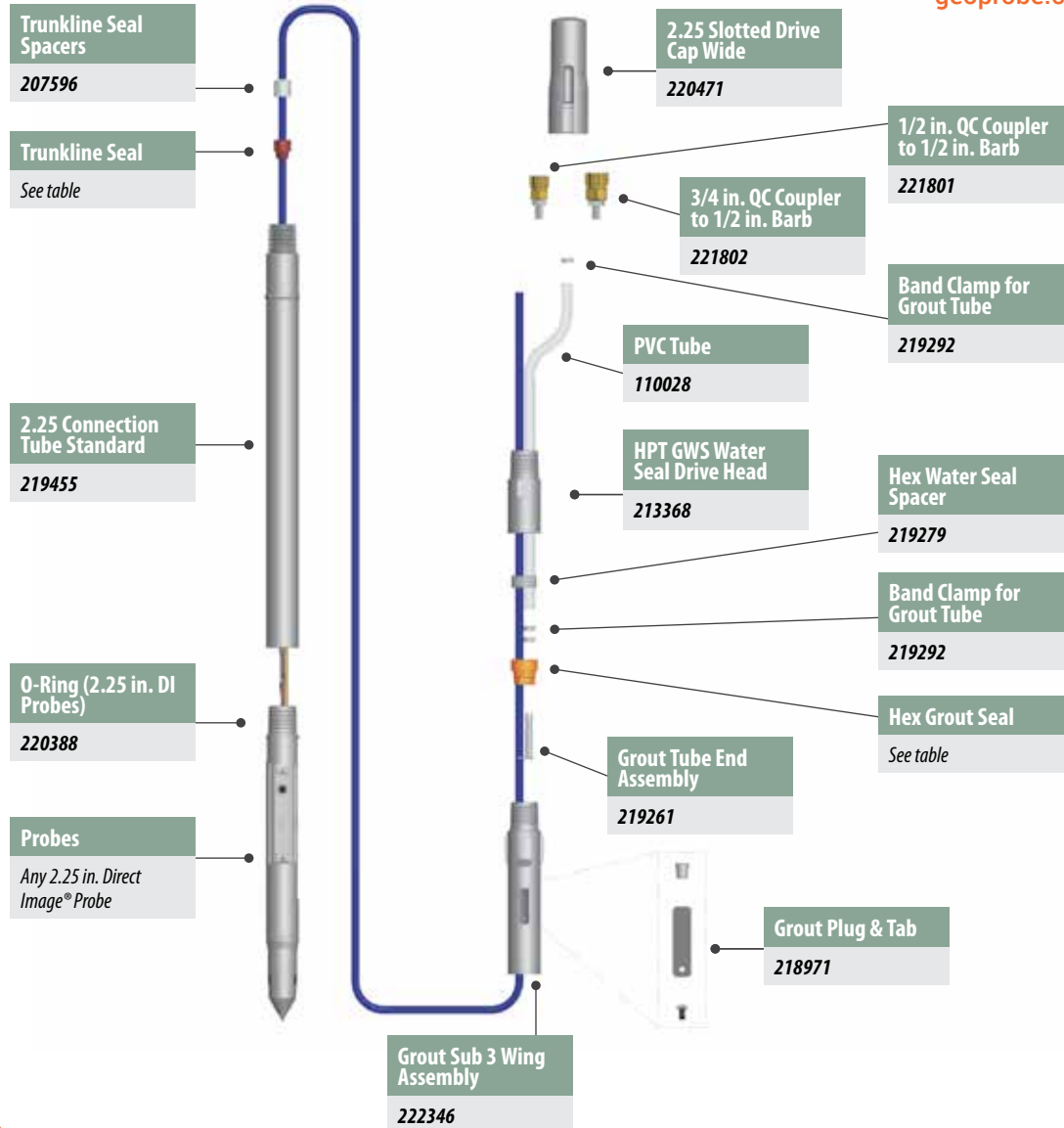
4-ft. bridge (2-anchor)



Accessories

Components	Part	MN	Notes
	CPT Rod Guide Assembly NEW	239467	78/31 Series
	Soil Anchor Pinning Brackets	205209	Holds anchors against bridge
	Single CPT Bridge Weldment NEW	231180	78/31 Series
	Soil Anchor Extension NEW	235575	12 in. Spiral, Used for dual anchor
	Soil Anchor NEW	235227	10 in. Spiral, 1.625 Hex
	Soil Anchor Extension	205072	60 in.
	Soil Anchor NEW	235239	15 in. Spiral, 1.625 Hex
	CPT Anchor Bridge NEW	239335	4 ft.
	CPT Anchor Footbridge	212131	Larger foot bridge
	HSA Auger Connecting Pin	600193	1-5/8 in. Hex, 77/66 Series Machines

geoprobe.com/grout-sub



Accessories

Components	Part	MN	Notes
	Grout Sub 3 Wing Assembly	222346	
	Grout Plug & Tab	218971	Quantity: 5
	Hex Grout Seal EC	222491	For EC trunkline
	Hex Grout Seal MIHPT	222489	For MIHPT trunkline
	Hex Water Seal Spacer	219279	
	HPT GWS Water Seal Drive Head	213368	Connects to push rods
	Grout Tube End Assembly	219261	
	PVC Tube	110028	1/2 in. x .728 in. OD x 500 ft.

Components	Part	MN	Notes
	Band Clamp for Grout Tube	219292	Quantity: 10
	2.25 Connection Tube Standard	219455	
	MIHPT/OIHPT/HTL Trunkline Seal, Red	211768	
	MIP/OIP Trunkline Seal, Yellow	207773	
	HPT Trunkline Seal, Orange	207772	
	Trunkline Seal Spacers	207596	Pair
	3/4 in. QC Coupler to 1/2 in. Barb	221802	
	1/2 in. QC Coupler to 1/2 in. Barb	221801	
	2.25 Slotted Drive Cap Wide	220471	Threadless

Accessories

Components	Part	MN	Notes
	MIP Service Kit	214142	
	OIP Service Kit	226361	
	HPT Service Kit	205599	
	MIP Membrane Assembly	214126	
	Copper Washer Seal	102520	0.79 in. OD
	HPT Screen Assembly	205558	
	HPT Spring Washer	215453	Quantity: 10
	OIP Window Assembly	231838	4 mm
	OIP Window Seals	224959	Quantity: 10
	MIP-HPT Screen Ratchet Wrench Assembly	212094	
	MIP-HPT Screen Ratchet Wrench Head Assembly	212095	
	OIP Window Ratchet Wrench Assembly	225140	
	OIP Window Ratchet Wrench Head Assembly	225139	
	MIP Thermocouple Assembly	208045	
	HPT Sensor Module	210091	
	OIHPT-UV Power Supply	228265	
	OIHPT-G Power Supply	231345	
	MIHPT/OIHPT/HTL Trunkline Seal, Red	211768	
	HPT Trunkline Seal, Orange	207772	
	MIP/OIP Trunkline Seal, Yellow	207773	
	EC Trunkline Seal, Green	209568	
	Trunkline Seal Spacers	207596	Pair
	EC Dipole Tester	205724	
	EC Test Load, 3 Level Test	208075	
	Wenner Array Probe Test Jig	214237	
	Four Sided Cuvette Holder Assembly	225952	
	Cuvette Quartz 3500 uL	112784	Quantity: 2
	HPT Reference Cylinder	212689	For 1.75 in. and smaller probes
	HPT Reference Cylinder	211762	For 2.25 in. probes
	Nut Hex BRS 1/16 in. Comp Tube	210557	Quantity: 10
	Ferrule Set Brass 1/16 in.	210555	Quantity: 10
	MP6520 Probe Butt Conn Green	208657	Quantity: 10
	MP6520 Probe Butt Conn Red	208658	Quantity: 10
	Term Block 4 Pos, Green	101465	

Components	Part	MN	Notes
	MIP 120V TL Heater Connector	112805	
	Conn Thermocouple "K" Type Male	101498	
	Band Clamp No. 7	220976	Quantity: 10
	Band Clamp No. 5	220977	Quantity: 10
	HPT Controller Test Load	206552	
	OIP Test Load	228240	
	MIP Breakout Connection Panel	211100	
	MIP Soil Gas Response Test Jig	231500	
	Membrane Pocket Resurfacing Tool	235648	
	Membrane Pocket Resurfacing Disk	235926	Quantity: 20
	MIP Nafion Dryer Tube	600150	SS, 24 in. LG
	Benchtop Instrument Rack	230892	
	Direct Image® ATV Instrument Carrier	223509	
	Connection Tube LB Pin and Box	206304	
	1.75 in. Drive Head	220966	LB Box x 1.75 Pin
	LIF Water Seal Adapter, LB Pin X RHSL 1.75 Pin	220968	2.48 in. S-S
	62-Pin Serial Cable	105475	
	USB Type B Cable - Sealed	104158	5 m
	USB Cable	104788	2 m
	GPS Receiver USB FI Based Use	106989	
	USB to Serial Converter	103782	
	Sinewave Inverter 12VD-C/120VAC/300W	107479	
	DI Connection Tube Wire Sleeve	233978	Quantity: 20


















Rod Rack Parts

Components	Part	MN	Notes
	1.25/1.5 Cable Rod Rack Weldment	203088	Holds 18 rods
	1.25/1.5 Cable Rod Rack Weldment	203121	Holds 30 rods
	1.75 Cable Rod Rack Weldment	220961	Holds 27 rods
	Cable Rod Rack Assembly (2.25 in. Rods)	206973	Holds 21 rods
	Roll Out Rod Rack Base	214532	96 in. base
	Roll Out Rod Rack Base	240760	76 in. base
	Cable Rod Rack Assembly (1.25/1.5 in. Rods)	203808	Holds 30 rods
	Cable Rod Rack Base Assembly	222325	

Stringpot & Accessories

Components	Part	MN	Notes
	Stringpot Assembly Cable	214227	100 in.
		214228	30 ft.
	Stringpot Cordset	202884	65 ft.
		203836	100 ft.
	Stringpot Ground Plate	220775	
	Stringpot Replacement Cable	600464	100 in.
	Stringpot Replacement Cable	101032	80 in.
	Lanyard Cable Assembly	100069	
	Stringpot Mounting Bracket	209511	78 Series
	Stringpot Mounting Bracket	202947	66 Series
	Stringpot Piston Weight Foot Bracket	201816	66 Series
	Stringpot Piston Weight Foot Bracket	209533	78 Series
	Stringpot Piston Weight Assembly	214225	

Drive Cushion

Components	Part	MN	Notes
	Drive Cushion	221775	Use with GH60 Drive Cap
	Drive Cushion Bottom Plate	221155	GH60
	Drive Cushion	204278	Use with GH40 Drive Cap
	Drive Cushion Bottom Plate	204117	GH40
	Drive Cushion Top Plate	204116	
	31 Series GH60 Drive Cushion Asm*	239873	
	Drive Cushion Top Plate 31 Series*	239752	Compatible with other drive cushion assemblies
	Lower Striker Retainer Sleeve	239729	
	Drive Cushion Phenolic Insert	204277	
	Drive Cushion Nylon Insert	204608	
	Drive Cushion Retaining Ring Cap	204276	
	O-Ring (Drive cushion retaining ring)	103319	
	Drive Cushion Retaining Ring	204275	2 pc.
	O-Ring (Hex Anvil Retainer Cap)	105794	
	Hex Anvil Retainer Pin	202888	GH60 Series
	Heavy Load Silicon Steel Die Spring	103318	
	Hardware Pack for Drive Cushion Rebuild	238586	

* For use with 31GT machines only. Requires 239729 change-out on some machines. Call for compatibility.



Pneumatic Slug Test








Components









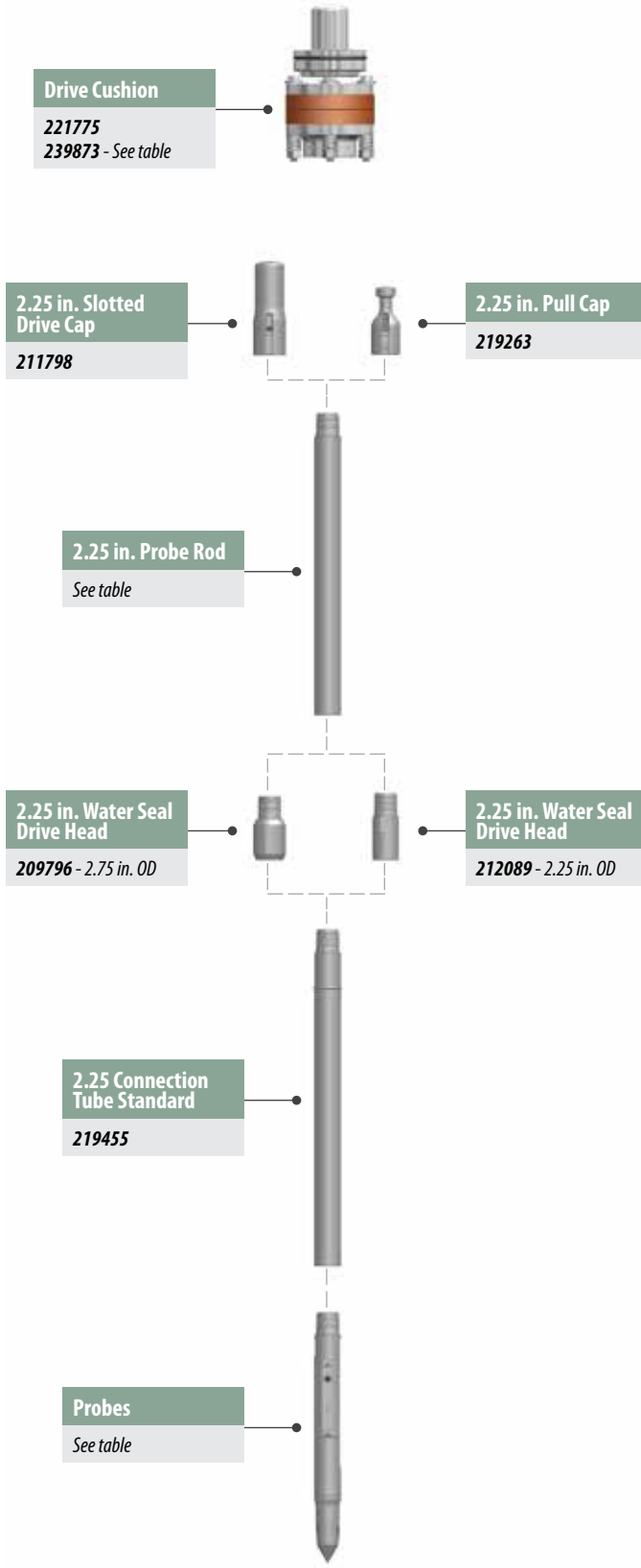
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Accessories

geoprobe.com/pst

Components	Part	MN	Notes
	Pneumatic Slug Test Kit	214038	
	Slug Test Acquisition Module, USB	220971	
	Slug Testing 15PSI Transducer	216870	100 ft. Cable
	Slug Test Transducer Seal	207872	
	Copper Washer Seal	102520	0.79 in. OD
	Slug Test Manifold Asm.	203153	
	Manual Hand Vac Pump with Gauge	600711	16CC

Components	Part	MN	Notes
	Slug Test Hand Pump Air Hose	211224	
	Slug Test PVC Adapter Kit	214039	
	Slug Test 2 in. Well Head Adapter Asm.	207304	
	Pressure Gauge 0"-60"IN/ H2O PRES 2.5"x1/4 DUAL SCL	102760	
	Vacuum Gauge 60"-0" H2O 2.5 FACE	104501	
	QC Plug Air	102823	1/8 in. x 1/4 in. FPT



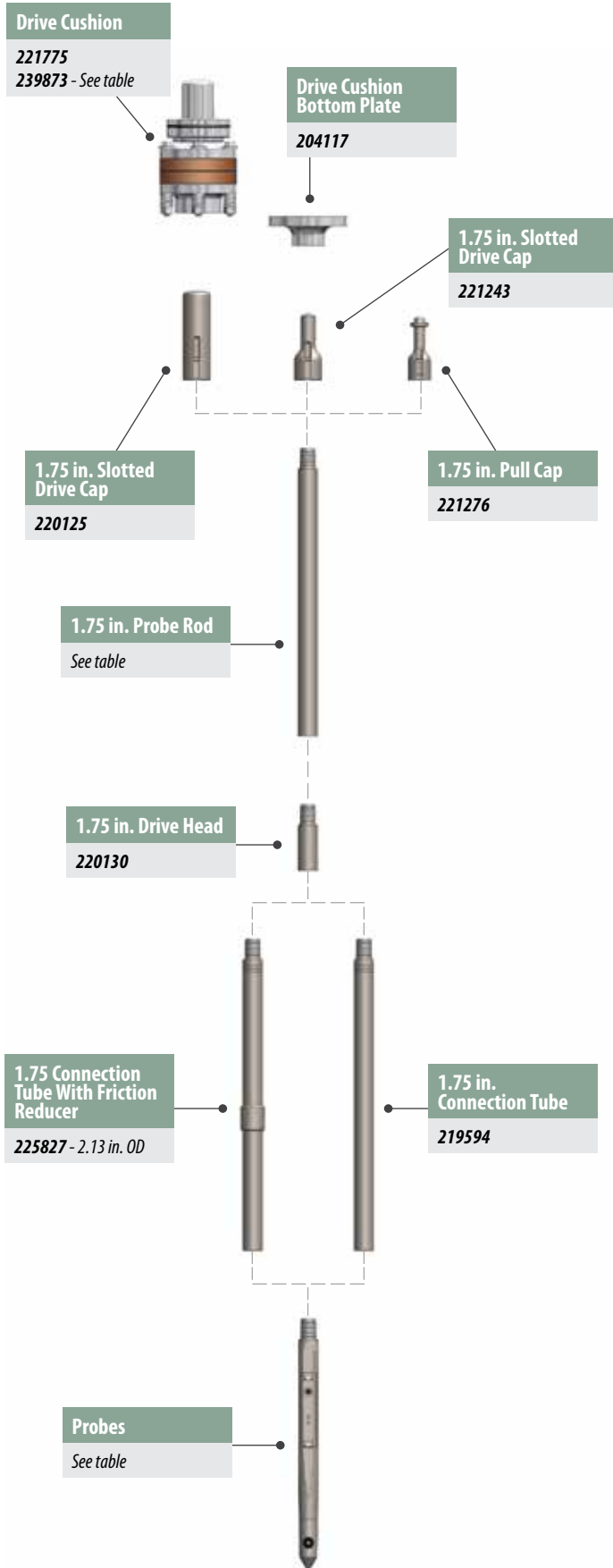
Components	Part	MN	Notes
	2.25 in. Slotted Drive Cap	211798	GH60, Threadless
	2.25 in. Pull Cap	219263	Slotted
	2.25 in. Slotted Drive Adapter	209807	
	2.25 in. Probe Rod	204767	60 in.
		204766	48 in.
		206706	36 in.
		206588	24 in.
		204778	1 m
	O-Ring (2.25 in. Probe Rod)	213790	Quantity: 25
	2.25 in. Water Seal Drive Head	209796	2.75 in. OD
	2.25 in. Water Seal Drive Head	212089	2.25 in. OD
	2.25 Connection Tube Standard	219455	
	Rod Wiper Weldment	204387	
	Rod Wiper Donut	600412	2.25 in. (Weldment: 204387)
	RG Handle Assembly	205664	2.25 in., GH60
	RG Jaw	205565	2.25 in., GH60
	Drive Cushion	221775	Use with GH60 Drive Cap
	31 Series GH60 Drive Cushion Asm*	239873	

* For use with 31GT machines only. Requires 239729 change-out on some machines. Call for compatibility.

Probes

Components	Part	MN	Notes
	MIHPT Probe	214117	2.25 in.
	HPT Probe	214097	2.25 in.
	2.25 in. HPT Groundwater Sampler	216100	

geoprobe.com/di-probe-rods

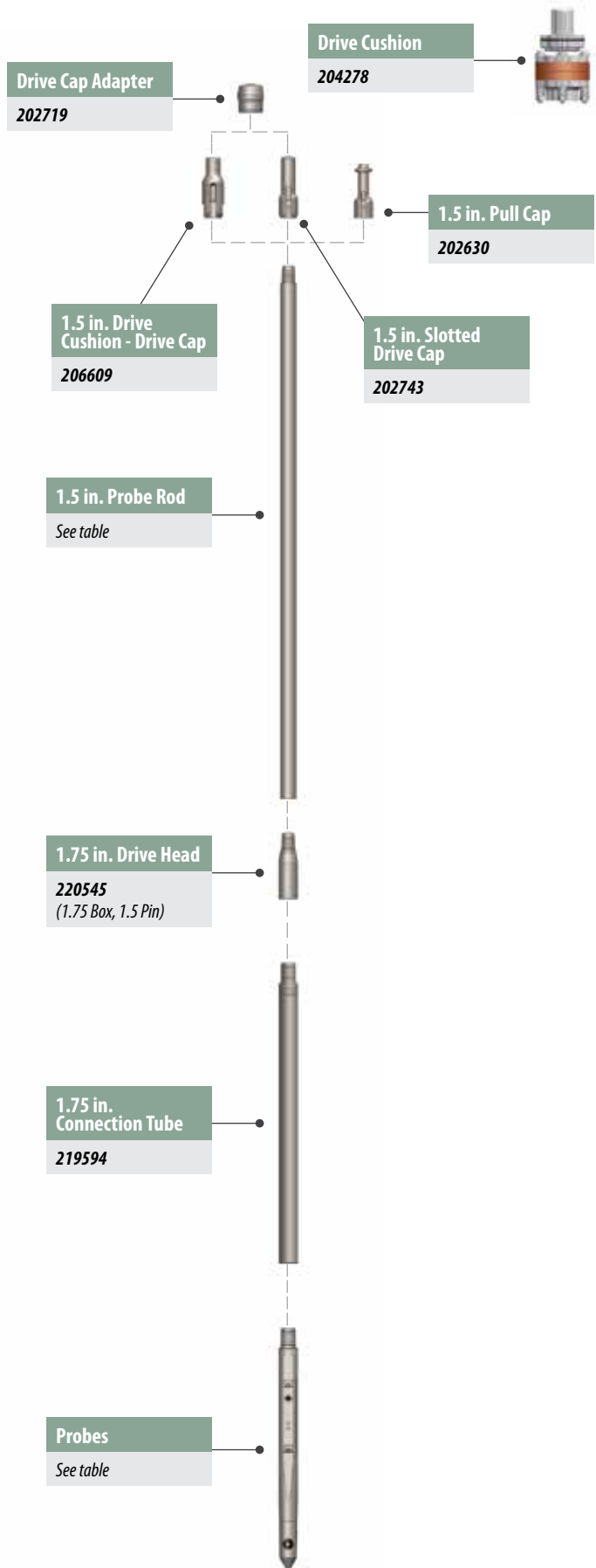


Components	Part	MN	Notes
	1.75 in. Slotted Drive Cap	220125	GH60, Threadless
	1.75 in. Slotted Drive Cap	221243	GH40, Threadless
	1.75 in. Pull Cap	221276	Slotted
	1.75 in. Probe Rod	220032	60 in.
	1.75 in. Probe Rod	220746	48 in.
	1.75 in. Drive Head	220130	1.75 Box x 1.75 Pin
	1.75 Connection Tube With Friction Reducer	225827	2.13 in. OD
	1.75 in. Connection Tube	219594	
	Connection Tube LB Pin and Box	206304	
	1.75 in. Drive Head	220966	LB Box x 1.75 Pin
	Rod Wiper Weldment	204387	
	Rod Wiper Donut	600341	1.25 in. / 1.5 in. / 1.75 in.
	RG Handle Assembly	220912	1.75 in., GH60
	RG Jaw	220259	1.75 in., GH60
	Drive Cushion	221775	Use with GH60 Drive Cap
	Drive Cushion Bottom Plate	204117	GH40
	31 Series GH60 Drive Cushion Asm*	239873	NEW

* For use with 31GT machines only. Requires 239729 change-out on some machines. Call for compatibility.

Probes

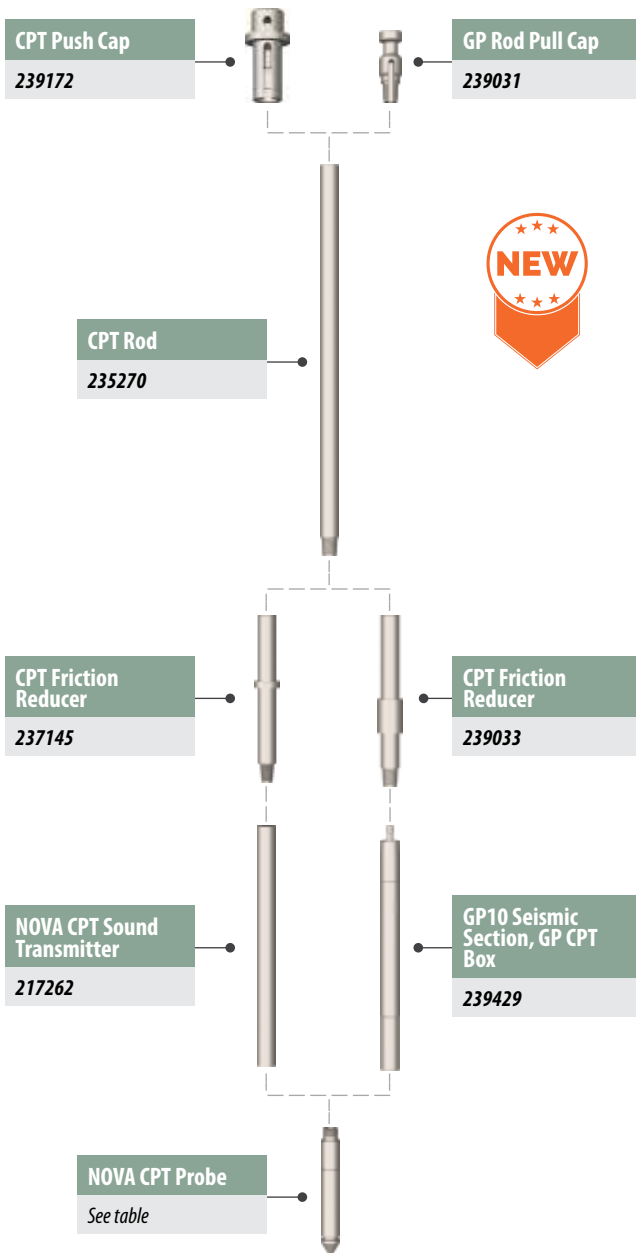
Components	Part	MN	Notes
	MIHPT Probe Square	226720	1.75 in.
	OIHPT-UV Probe	227466	UV275
	OIHPT-G Probe	231346	GL525
	HPT Probe	226553	1.75 in.



Components	Part	MN	Notes
	Drive Cap Adapter	202719	GH40 to GH60 Series
	1.5 in. Drive Cushion	206609	Slotted, Threadless
	1.5 in. Slotted Drive Cap	202743	GH40, Threaded
	1.5 in. Pull Cap	202630	Slotted
		201682	60 in.
		202248	48 in.
		207261	36 in.
		202715	24 in.
		203193	1 m
	1.75 in. Drive Head	220545	1.75 Box x 1.5 Pin
	1.75 in. Connection Tube	219594	
	Connection Tube LB Pin and Box	206304	
	LB Box x 1.5 Pin	203794	3.73 in. S-S
	Rod Wiper Weldment	204387	
	Rod Wiper Donut	600341	1.25 in. / 1.5 in. / 1.75 in.
	RG Handle Assembly	202724	1.25 in. / 1.5 in., GH60
	RG Jaw	202660	1.25 in. / 1.5 in., GH60
	Drive Cushion	204278	Use with GH40 Drive Cap

Probes

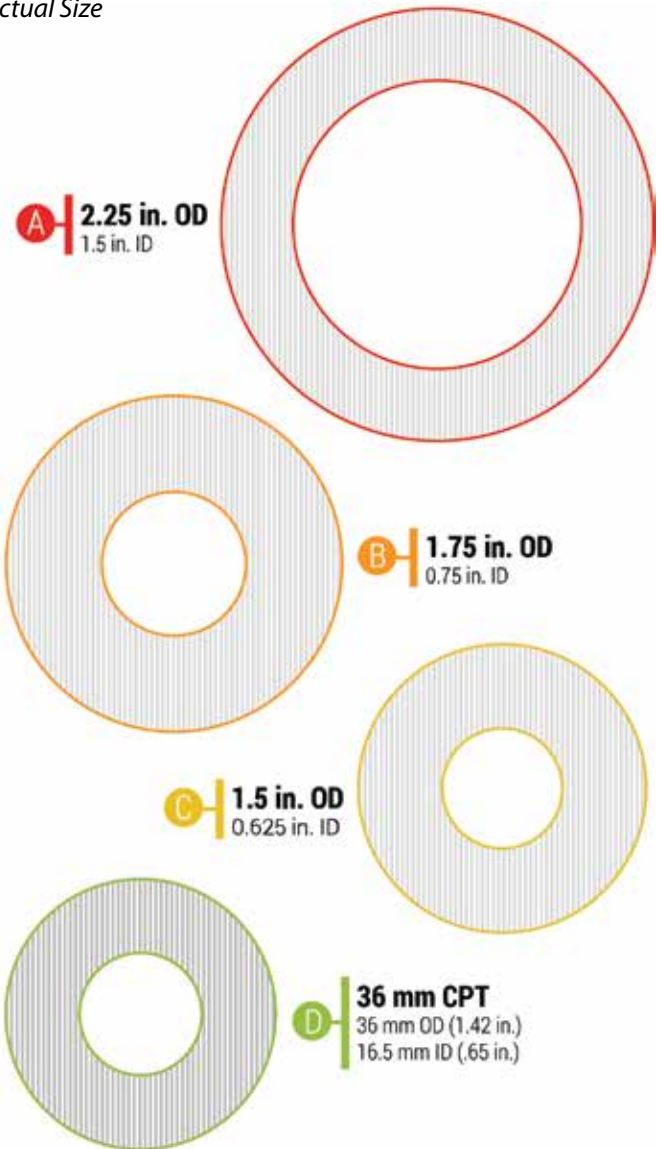
Components	Part	MN	Notes
	MIHPT Probe Square	226720	1.75 in.
	OIHPT-UV Probe	227466	UV275
	OIHPT-G Probe	231346	GL525
	HPT Probe	226553	1.75 in.



Components	Part	MN	Notes
	CPT Push Cap	NEW 239172	GH60, hammer face
	GP Rod Pull Cap	NEW 239031	Slotted, pin down
	CPT Rod	NEW 235270	36 mm x 1 m GP, rope thread
	CPT Friction Reducer	NEW 237145	CPT/GP Box, 2 in. OD
	CPT Friction Reducer	NEW 239033	GP/GP, 12 in., 2 in. OD
	CPT Friction Reducer	NEW 114937	SPL/SPL Ring
	NOVA CPT Sound Transmitter	217262	Cordless CPT 10cm ²

geoprobe.com/di-probe-rods

Actual Size



Components	Part	MN	Notes
	GP10 Seismic Section, GP CPT Box	NEW 239429	Use with CPT rods
	Rod Wiper Donut	600341	1.25 in. / 1.5 in. / 1.75 in.
	RG Handle Assembly	202724	1.25 in. / 1.5 in., GH60

Probes

Components	Part	MN	Notes
	NOVA CPT Probe	216975	Q=100 FS=1.0 U=2
	NOVA CPT Cable Probe	216954	100, 1.0, 2.0, Tilt
	NOVA CPT Probe	216951	100, 1.0, 5.0, Tilt (Custom)

14

Water Well Tooling

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

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

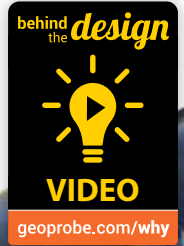
S-S (Shoulder to Shoulder)

Drill Pipe Comparison

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




DRILLMAX®
Drill Pipe



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

Accessories

Components	Part	MN	Notes
	Spring Assisted Swivel Hoist Plug NEW	239983	2-3/8 IF
	Spring Assisted Swivel Hoist Plug NEW	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.

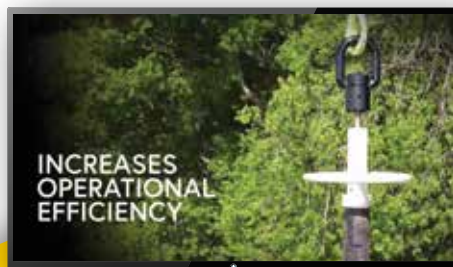
Features

- 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



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



PIN X PIN



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



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



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



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



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

Our machines range in size from small, limited access machines to large platform/big performance rotary sonic rigs. We strive to make our machines as flexible as possible for our customers. Many of our machines cover a range of applications, making them true combination rigs. Customers describe our equipment as versatile, innovative, easy-to-use, and supported like no other drilling equipment they own. And what moves Geoprobe® / DRILLMAX® customers to purchase additional equipment? They know our customer service and support is unmatched in the industry. Below are some of the machine types Geoprobe® / DRILLMAX® designs and manufactures:



Rotary Sonic Rigs

These rigs are equipped with the GV5 sonic head and designed for sampling **multiple geologic formations** (consolidated materials, glacial till, and backfill rubble).



Combo Rigs

Our combo rigs are designed with multiple applications in mind. One machine can **seamlessly transition** between geotechnical, environmental, exploration, and CPT tasks.



Geotechnical Rigs

A number of our rigs are built for geotech sampling. Our truck mounted geotech rigs are built to **quickly perform SPT borings** and much more, all on a 22,000 lb. GVWR truck.



Direct Push Machines

Geoprobe® manufactures a **variety of direct push machines** for environmental work. Larger combo rigs and smaller limited access machines meet most project needs.



CPT (Cone Penetration Testing)

Various platforms are **designed for Cone Penetration Testing**. Options include a flexible press, 20-ton cabin crawler, and anchoring tools for our other rigs.



DRILLMAX® Water Well Rigs

Our DRILLMAX® rigs are **maneuverable top head drills** for the water well market. The light weight rigs outperform larger, heavier versions.

Rig / Machine Type	Rig / Machine	Applications						Description	Platform	Page #	
		Environmental	Geotechnical	Exploration	CPT	Geothermal	Water Well				
Rotary Sonic Rigs	8250LS	X	X	X		X		Full-size rotary sonic rig capable of running 20-ft. tooling. The GV5 sonic head provides 50,000 lb. of dynamic force.	Track	-	
	8150LS	X	X	X		X		Full-size rotary sonic rig capable of running 10-ft. tooling. The GV5 sonic head provides 50,000 lb. of dynamic force.	Track	149	
Combo Rigs (Direct Push & Rotary)	3230DT	X	X	X	X			The patented CB Combo Head has the power to turn augers and speed for mud rotary, while also providing a direct push hammer.	Track	151	
	7822DT	X	X	X	X			High-capacity direct push machine with a narrow platform. Applications include soil sampling, rock coring, groundwater monitoring, geotechnical, and more.	Track	153	
Geotechnical Rigs	3100GT	X	X	X	X			Designed to quickly perform SPT borings, collect shelly tube samples, take rock cores, and push CPT cone.	Same geotech head	Truck	155
	3126GT	X	X	X	X			Innovative centerline head side shift moves quickly into position for rotary, automatic drop hammer, CPT or direct push.		Track	157
	3145GT	X	X	X	X			Punch out power and pipe line projects with efficiency and performance of 31 series drill mast.		Terramac (Track)	159
Direct Push Machines	6712DT	X	X	X	X			Modular drilling rig perfect for small- to medium-sized direct push projects.	Track	161	
	6011DT	X	X	X	X			Proven GH63 percussion hammer on a rig able to slip into small spaces. Runs 5-foot tooling.	Track	163	
	5410	X						54-in. stroke and 28,900 lb. of pulling capacity for subsurface work.	Truck	165	
	540MT	X						Ready for confined spaces and low ceilings with reliable power. When folded, the unit is less than 29 inches high.	Cart	166	
	420M	X						At 23-in. wide, 62-in. tall (folded), and weighing less than 425 lb., can be moved to remote sampling locations.	Cart	167	
CPT (Cone Penetration Testing)	20CPT Press				X			Flexible mast option with a 20-ton capacity is specifically designed for CPT. Bracket options allow for mounting to skid steer or 6712DT.	Skid Steer / Track	168	
	2060CPT				X			20-ton cabin crawler used for Cone Penetration Testing (CPT). It includes many user-friendly controls to make jobs in the field quick, efficient, and comfortable.	Cabin Crawler (Track)	169	
Water Well Rigs	DM250					X	X	Under CDL requirements and can handle 20-ft. drill pipe. The perfect rig for 2-in.-6-in. shallow water wells.	Truck	171	
	DM450					X	X	Top head offering both torque and speed well suited for commercial water well, geothermal, and/or cathodic protection drilling	Truck	173	

Geoprobe® 8150LS Rotary Sonic Rig

▶ VIDEOS AVAILABLE AT GEOPROBE.COM/8150LS WHEN YOU SEE THIS SYMBOL

Full-Size Rotary Sonic Rig with 50K Dynamic Force

Geoprobe® 8150LS is a full-size rotary sonic rig with high performance capable of running 10-ft. tooling, GV5 sonic head provides 50,000 lbs. of dynamic force.

▶ Dual Winch System

▶ Geoprobe® GV5 Sonic Head
• 50K Dynamic Force

▶ Multi-Function Drill Mast

- High speed coring head (optional)
- Auto drop hammer compatible (SPT)

Head Centerline Side-Shift, Extend, Drill Mast Dump, Breakout Vertical Shift, Drill Mast Side-Shift, Head Tilt

Rock Coring Compatible

10-ft. Tooling Compatible

Engine Mounted Air Compressor

Water / Mud Pumps
• Multiple configurations available

Outriggers (Four Point Stabilization)

▶ 14-in. Double Wrench Breakout

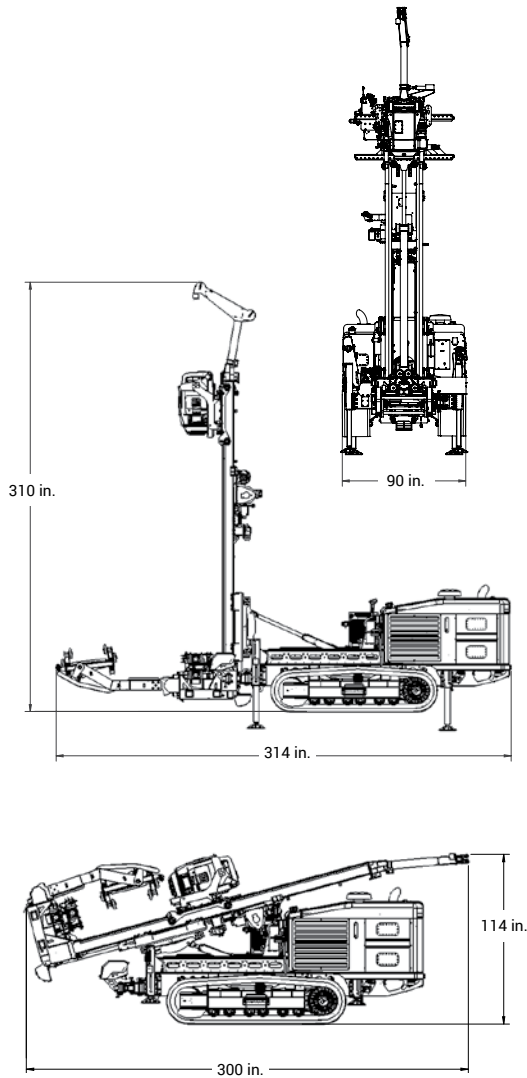
▶ Geoprobe® Designed Rod Handling System

▶ Control Panel

- Movable, adjustable swing-arm
- Remote diagnostics

WEIGHT & DIMENSIONS

Base Unit Weight: 32,500 lb. (14,742 kg.)
 With Typical Options*: 33,500 lb. (15,195 kg.)



TOOLING

Typical Geoprobe® Tooling for the 8150LS

- Casing Sizes: 10 in., 8 in., 6 in., 4.5 in. HD
- Weighted Wire Line Sampling (WWL60)
- Dual Tube Sonic Sampling (SDT60)
- 8x10, 6x8, 4x6 HD Sonic Sampling
- SP60 Groundwater Sampling

*Rig shown with optional features. Weights & dimensions subject to change without notice.
 *Typical extras and options include hose pump, rod handler, second winch, and 48-in. toolbox.
 Standard features include triplex pump, breakout, air compressor, and head feed pressure control.*



OPTIONS

High Speed Coring Head

- GV5 High Speed Coring Head Drive

Spindles

- GV5 Spindle Adapter, 6.0 in. RHSL, 4.5 in. HDR Assembly
- GV5 Spindle Adapter, 6.0 in., 4.5 in., 3.5 in. Assembly
- GV5 Spindle Assembly
- GV5 Matrix Spindle Assembly

Mast / Winch

- Wireline Winch Kit: 1,800 lbf with Quick Change Hook
- Drill Mast Adjustable Brace Kit

Rod Handler

- Rod Handler System (3 in. to 9 in., Double Jointed, Integral Safety Features)

Automatic Drop Hammer

- Automatic Drop Hammer Only, 140 lb
- Drop Hammer Mounting Brackets
- Expansion Kit
 - 340 lb.
 - 300 lb.
 - 170 lb.
- Weight, 65 kg

Rotational Safety Cage

- Safety Cage

Air Compressor

- Air Line Oiler Kit

Water / Mud Pumps

- SPX40 Hose Pump Kit
- Hose Reel Kit - Kerr Pump Mount

Toolboxes

- 48 in. Toolbox

Racks

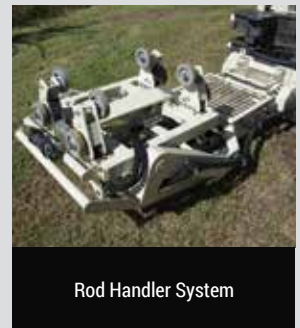
- Indexing Rack, 6.0 in. Casing
- Indexing Rack, 4.5 in. Casing
- Indexing Rack, 7.625 in. Casing
- Sonic Rod Rack 4x6
- Rod Rack with Roller



GV5 High Speed Coring Head Drive



Wireline Winch Kit



Rod Handler System



SPX40 Hose Pump Kit



The 8150LS fits inside a 40-ft. shipping container.



Videos, Photos, Specifications, Resources

geoprobe.com/8150ls

Geoprobe® 3230DT Drill Rig

Direct Push, Geotech, & Rotary Drill Rigs | 3230DT

Geotechnical Work to Environmental Work in One Machine

The Geoprobe® 3230DT is ideal for geotechnical and environmental applications. The patented CB Combo Head has the power to turn augers and the speed for mud rotary, while also providing a direct push hammer.

▶ VIDEOS AVAILABLE AT GEOPROBE.COM/3230DT WHEN YOU SEE THIS SYMBOL

▶ Patented CB Combo Head

- Percussion hammer
- 2-speed and 4-speed rotary drives available
- Patented hydraulic head clamp
- Torque options up to 6,000 ft-lbf and speeds up to 800 rpm

Wireless & Tethered Remote Drive

Water / Mud Pumps

- Multiple configurations available
- Separate hydraulic circuit improves mud rotary performance

▶ Triple Winches

- 8,500 lbf, 5,000 lbf, 1,800 lbf, and 1,100 lbf options available

▶ Telescoping Winch Mast

- Allows for operation at variable heights

▶ Multi-Function Drill Mast

- Air rotary, augering, direct push/percussion, diamond coring, mud rotary, SPT
- 84 in. of head feed travel
- 50,000 lb. of push force
- 80,000 lb. of pull force
- Extend, swing, mast dump, oscillation, and fold

▶ Automatic Drop Hammer

▶ Head Centerline Side-Shift (26 inch)

▶ Control Panel

- Movable, adjustable swing-arm
- Drilling control configurations

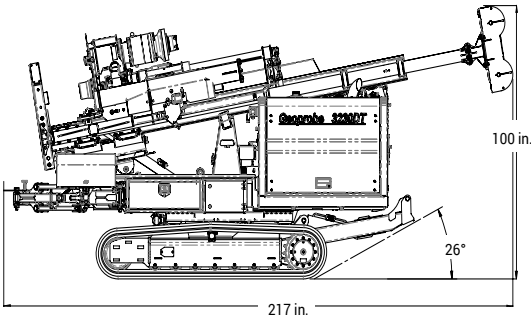
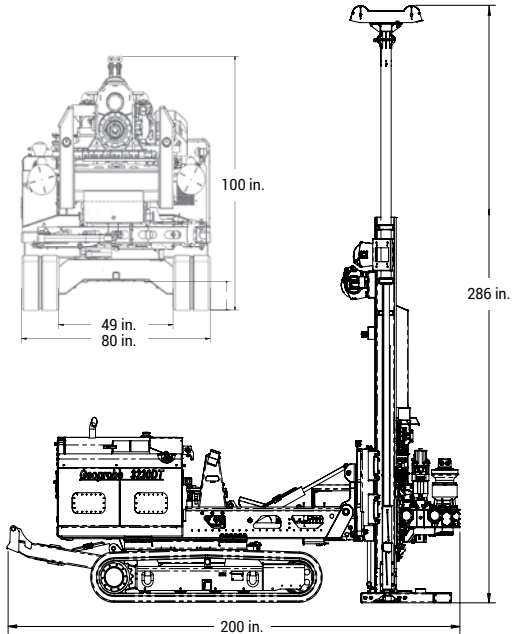
Rear Blade (Stabilization & Tool Transport)

7-inch Single Clamp Breakout

Outriggers for Stabilization

WEIGHT & DIMENSIONS

Base Unit Weight: 17,500 lb. (7,938 kg.)
 With Typical Options: 20,500 lb. (9,299 kg.)



TOOLING

Typical Geoprobe® Tooling for the 3230DT

- 60-in. Direct Push Tooling
- Probe Rod Sizes: 6.0 in., 4.5 in., 3.75 in., 2.25 in.
- Dual Tube Soil Sampling (DT60, DT45, DT37)
- Groundwater Sampling (SP22)
- Prepacked Monitoring Well Installations (up to 2.0 in.)
- HSA System (Up to 8.25 in.)
- NWL Wireline System
- SPT Sampling (Interlocking Split Spoon Sampler, Driven Casing SPT, HSA, Solid Auger, Mud Rotary)

Hydraulic head clamp assembly for mobile drill rig manufactured under US Patent 8,056,640
 Rig shown with optional features. Weights & dimensions subject to change without notice.



OPTIONS

Combo Head

- 4 Speed Combo Head with GH70 Hammer (6,000 ft-lbf, 800 rpm)
- 2 Speed Combo Head with GH70 Hammer (6,000 ft-lbf, 150 rpm)

Combo Head U-Joints

- 1.625 Female Hex U-joint Assembly
- 2.0 Female Hex U-joint Assembly

Mast / Winch

- Telescoping Mast, Dual Winch
- Telescoping Mast, Triple Winch
- 3 ft. Mast Extension
- Winch Kit: 8,500 lbf (Pos. 1)
- Winch Kit: 5,000 lbf (Pos. 1)
- Winch Kit: 1,800 lbf with Quick Change Hook (Pos. 2)
- Winch Kit: 1,100 lbf with Quick Change Hook (Pos. 2)
- Winch Kit: 1,800 lbf with Quick Change Hook (Pos. 3)
- Winch Kit: 1,100 lbf with Quick Change Hook (Pos. 3)

Breakout

- 9 in. Pullback Breakout Kit
- 7 in. Breakout Kit
- Coring Upgrade Kit for 7 in. Breakout

Automatic Drop Hammer

- Automatic Drop Hammer, 140 lb.
- Expansion Kit
 - 340 lb.
 - 300 lb.
 - 170 lb.
- Weight, 65 kg

Rotational Safety Cage

- Safety Cage

Water Swivels

- Water Swivel and Bracket
- Top Spline Water Swivel (4 Speed Only)

Control System

- Head Feed Pressure Control Kit

Water / Mud Pumps

- Moyno® 3L8 Pump
- Moyno® 3L6 Pump
- SPX40 Pump
- Triplex Pump
- Centerline 7½ x 10 Mono Pump

Outriggers

- Drill Mast Outrigger Kit

Hydraulic Extruder

- Hydraulic Extruder Kit
- 3 in. Shelby Tube Hydraulic Cradle Assembly

Air Compressor

- Air Line Oiler Kit

Rod Racks

- Tool Rack Side Mount

Toolboxes

- 53 in. Toolbox
- 20 in. Toolbox



4-Speed Combo Head



Automatic Drop Hammer, 140 lb.



Telescoping Mast, Dual Winch



Pullback Breakout Kit



SPX40 Pump Kit



Videos, Photos, Specifications, Resources
geoprobe.com/3230dt

Geoprobe® 7822DT Drill Rig

The Industry Benchmark for Direct Push Equipment

The Geoprobe® 7822DT is a high-capacity direct push machine with a narrow platform. Applications include soil sampling, rock coring, groundwater monitoring, geotechnical and more.

▶ VIDEOS AVAILABLE AT GEOPROBE.COM/7822DT WHEN YOU SEE THIS SYMBOL

▶ Winch Mast

- Single and dual winch options available
- 2,500 lbf, 1,800 lbf, and 1,100 lbf winch options available

▶ Drill Mast

- Integrated drill mast oscillation

▶ Two and Four Speed Rotary Head Options

- Rock coring compatible
- 2-speed augerhead (4,000 ft-lbf, 150 rpm)
- 4-speed augerhead (4,000 ft-lbf, 750 rpm)

▶ Geoprobe® GH60 Series Percussion Hammer

- Modular percussion power cell technology

▶ Automatic Drop Hammer Compatible (SPT)

Rear Blade (Stabilization & Tool Transport)

▶ Control Panel

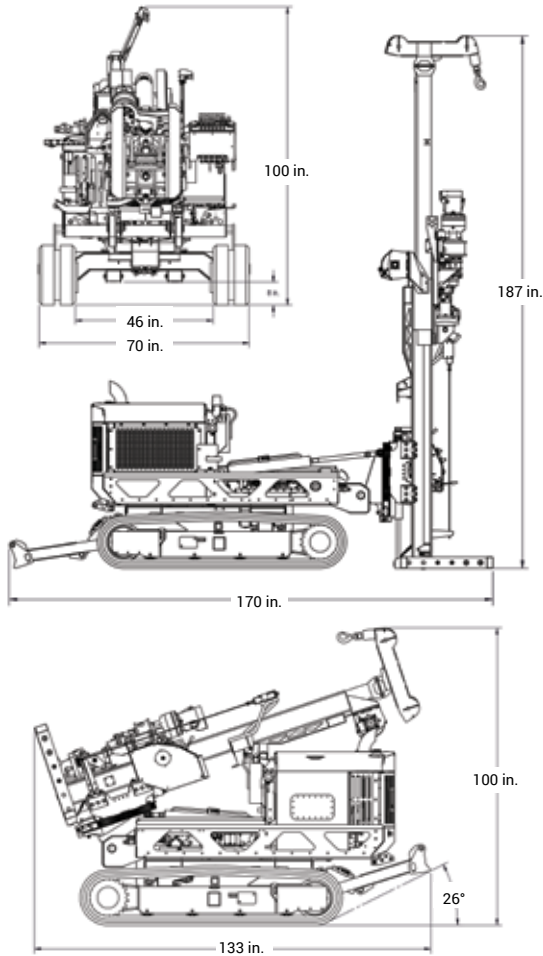
- Integrated safety features

Wireless & Tethered Remote Drive

▶ Frame Rail Design for Adding Machine Accessories

WEIGHT & DIMENSIONS

Base Unit Weight: 8,160 lb. (3,701 kg.)
 With Typical Options: 9,560 lb. (4,336 kg.)

**TOOLING****Typical Geoprobe® Tooling for the 7822DT**

- 60-in. Direct Push Tooling
- Probe Rod Sizes: 3.75 in., 3.25 in., 2.25 in., 1.5 in., 1.25 in.*
- Macro Core® Soil Sampling (MC5, MC7)
- Dual Tube Soil Sampling (DT37, DT325, DT22)
- Groundwater Sampling (SP22, SP16)
- Prepacked Monitoring Well Installations (2.0 in., 1.5 in., 1.0 in., 0.75 in.)
- HSA System (4.25 in. and 6.25 in.)
- Direct Image® Tooling
- SPT Sampling (Interlocking Split Spoon Sampler, Driven Casing SPT, HSA, Solid Auger, Mud Rotary)

*Center Rod Use Only
 Rig shown with optional features. Weights & dimensions subject to change without notice.

**OPTIONS****Rotary Head**

- 2-Speed Rotary Head (4,000 ft-lbf, 150 rpm)
- 4-Speed Rotary Head (4,000 ft-lbf, 750 rpm)

Mast / Winch

- Dual Winch Kit
- Winch Kit: 2,500 lbf
- Winch Kit: 1,800 lbf with Quick Change Hook
- Winch Kit: 1,100 lbf with Quick Change Hook
- Fixed Mast Top
- Rotating Mast Top
- 3 ft. Mast Extension

Breakout

- 7 in. Breakout Kit
- Coring Upgrade Kit for 7 in. Breakout
- Portable Hydraulic Rod Clamp

Rotational Safety Cage

- Safety Cage

Automatic Drop Hammer

- Automatic Drop Hammer, 140 lb.
- Automatic Drop Hammer, 65 kg
- Expansion Kit
 - 340 lb.
 - 300 lb.
 - 170 lb.
- Anvil Hanger

Water Swivels

- High Speed Water Swivel with Float
- Float Sub NWJ Pin Assembly
- Float Sub NWL Pin Assembly
- Float Sub HWL Pin Assembly
- King Oil Water Swivel

Control System

- Head Feed Pressure Control Kit
- CPT Valve Kit

Water / Mud Pumps

- Moyno® 2L4 Pump Kit
- Moyno® 3L6 Pump with Table
- Triplex Pump Kit
- SPX40 Pump & Mount Assembly
- Control Panel Gauge Mount Kit

Hydraulic Extruder

- 5 ft. Hydraulic Extruder
- 3 in. Shelby Tube Cradle
- 5 ft. Extruder with Moyno® 2L4 Pump - Operator Side
- 5 ft. Extruder with Moyno® 2L4 Pump - Helper Side
- 5 ft. Extruder with Moyno® 3L6 Pump - Helper Side
- 5 ft. Extruder with Moyno® 3L6 Pump - Operator Side

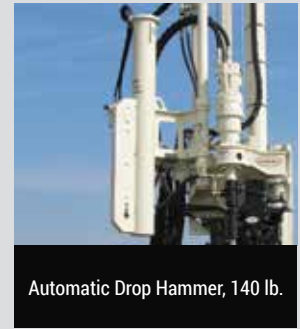
Rod Racks

- Locking Side Rod Rack - Helper Side
- Locking Side Rod Rack - Operator Side
- Side Mount Rod Rack
- Swing Out Rod Rack - Helper Side
- Side Rack Mount Blank
- Drop Rack System with Rod Rack
- Drop Rack System with Utility Rack
- Drop Rack System with 50 Gal. Pressure Washer System

Additional drop rack, toolbox, mud pan, and other options are also available. Call us for more information.



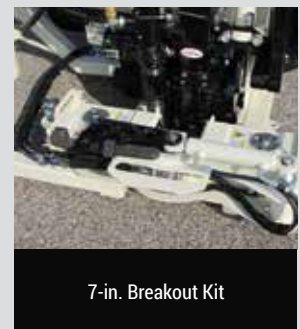
4-Speed Rotary Head



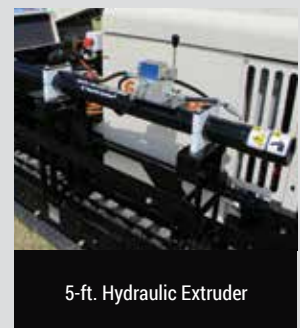
Automatic Drop Hammer, 140 lb.



Dual Winch Kit and Extension



7-in. Breakout Kit



5-ft. Hydraulic Extruder



Videos, Photos, Specifications, Resources

geoprobe.com/7822dt

Geoprobe® 3100GT Geotech Drill Rig

Geotech Drill Rigs | 3100GT

Geotechnical Sampling – Powerful, Flexible, Fast, Easy on Drillers

Geoprobe® 3100GT Geotechnical Rig is designed to quickly perform SPT borings (augers & mud rotary), collect shelly tube samples, take rock cores, and push CPT cone.

▶ VIDEOS AVAILABLE AT GEOPROBE.COM/3100GT WHEN YOU SEE THIS SYMBOL

▶ Geotech Head Options

(All functions are available along the head side shift)

- 4-speed rotary head (4,000 ft-lb, 750 rpm) (standard option)
- 6-speed rotary head (6,800 ft-lb, 720 rpm) (high torque - optional)
- GH63 percussion hammer
- CPT push / pull assembly
- DH104 automatic drop hammer (hands-free)
- Rod grip pull system

▶ Hands-Free Automatic Drop Hammer

▶ Telescoping Winch Mast

- Primary winch
 - 6,800 lbf.
- Secondary winch options
 - 2,500 lbf.
 - 1,800 lbf. (quick change hook)
 - 1,100 lbf. (quick change hook)
- Third winch - optional
 - 1,100 lbf. (quick change hook, wireline)

▶ Drill Mast

- 105 in. of head feed travel
- 36,000 lb. of push force
- 48,000 lb. of pull force
- Extend, swing, mast dump, oscillation, and fold
- Direct push options

No CDL*
Required!
(*Class A/B)

▶ Control Panel

- Manual controls provide tactile feel
- Electric controls add SAFE, HANDS-FREE operation

▶ 26 in. of Head Side Shift

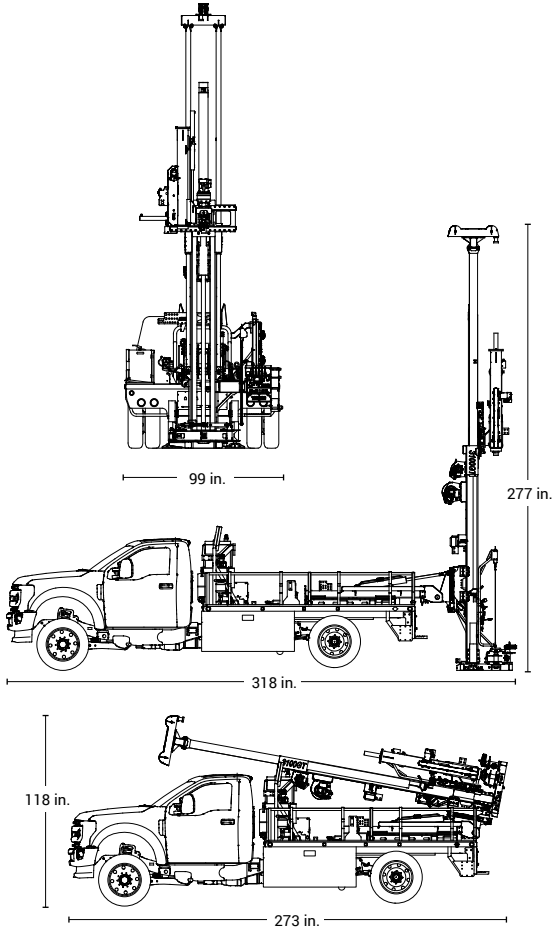
Mud Pumps

- Multiple configurations available

▶ Swing Out 7 in. Breakout

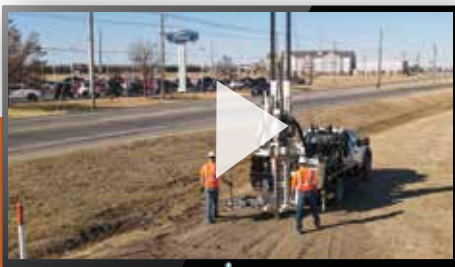
WEIGHT & DIMENSIONS

Unit Weight (w/ typical options): 18,200 lb. (8,255 kg.)

**TOOLING****Typical Geoprobe® Tooling for the 3100GT**

- Geotechnical Tooling
 - SPT Sampling (Interlocking Split Spoon Sampler, Driven Casing SPT, HSA, Solid Auger, Mud Rotary)
 - Cone Penetration Testing (CPT)
- Direct Push
 - 60-in. Direct Push Tooling
 - Probe Rod Sizes: 3.75 in., 3.25 in., 2.25 in., 1.5 in., 1.25 in.*
 - Macro Core® Soil Sampling (MC5, MC7)
 - Dual Tube Soil Sampling (DT37, DT325, DT22)
 - Groundwater Sampling (SP22, SP16)
 - Prepacked Monitoring Well Installations (2.0 in., 1.5 in., 1.0 in., 0.75-in.)
 - Direct Image® Tooling
- HSA System (3.25 in, 4.25 in. and 6.25 in.)

* Center Rod Use Only
Rig shown with optional features. Weights & dimensions subject to change without notice.

**OPTIONS****Head Options**

- Geotech Head Assembly (4-Speed Rotary Head)
 - 4,000 ft-lbf
 - 750 rpm
- Geotech Head Assembly (6-Speed Rotary Head)
 - 6,800 ft-lbf
 - 720 rpm
- GH63 Percussion Hammer

Automatic Drop Hammer

- Automatic Drop Hammer, 140 lb.
- Expansion Kit
 - 340 lb.
 - 300 lb.
 - 170 lb.
- Weight, 65 kg

Mast / Winch

- Primary Winch
 - 6,800 lbf
- Secondary Winch (Options)
 - 2,500 lbf.
 - 1,800 lbf. (quick change hook)
 - 1,100 lbf. (quick change hook)
- Third Winch (Optional)
 - 1,100 lbf (quick change hook, wireline)
- Telescoping Dual Winch Mast
- Telescoping Triple Winch Mast
- Mast Extension, 3 ft.
- Drill Mast Outrigger Kit

Breakout

- 7 in. Breakout
- Coring Upgrade Kit for 7 in. Breakout
- Breakout Storage Rack

Rotational Safety Cage

- Safety Cage

Water Swivels

- High Speed Water Swivel with Float
- Float Sub NWJ Pin Assembly
- Float Sub NWL Pin Assembly
- Float Sub HWL Pin Assembly
- Water Swivel Assembly

Control System

- Head Feed Pressure Control Kit
- Control Panel Display Screen Heater Kit

Water / Mud Pumps

- Moyno® 3L6 Pump Kit
- Moyno® 3L8 Pump Kit
- Water Carrier Kit, 50 gal. with Pump

Hydraulic Extruder

- Hydraulic Extruder Kit
- 3 in. Shelby Tube Cradle

Toolboxes / Rod Racks

- 10 in. Tool Rack, Side Mount
- 5 ft. Tool Rack Assembly - Side Mount
- Underbody Toolbox, 60 in. X 17 in. X 18 in.
- Underbody Storage Kit - Driver Side
- Underbody Storage Kit - Passenger Side
- Rear Underbody Storage Package
- 2.0 Split Spoon Table Weldment

Mud Pans

- Aluminum 100 gal Mud Pan

Additional Options

- CPT Accessory Package
- Yoke Vise & Mounting Bracket Kit, Horizontal
- Rod Grip Pull Latch



Geotech Head Assembly & Automatic Drop Hammer



Dual Winches



7-in. Breakout



Moyno® Pump



5-ft. Tool Rack



Videos, Photos, Specifications, Resources

geoprobe.com/3100gt

Geoprobe® 3126GT Geotech Drill Rig

Geotech Drill Rigs | 3126GT

Simplify Geotechnical Techniques with Centerline Head Side Shift

Position for increased productivity and profit by swiftly sliding from rotary to automatic drop hammer even to CPT or direct push without moving the telescoping drill mast or compact, stealthy rig. Engineered for efficiency with all drilling functions along centerline.

Telescoping Winch Mast

- Primary winch
 - 6,800 lbf.
- Secondary winch options
 - 2,500 lbf.
 - 1,800 lbf. (quick change hook)
 - 1,100 lbf. (quick change hook)
- Third winch - optional
 - 1,100 lbf. (quick change hook, wireline)

Drill Mast

- 105 in. of head feed travel
- 36,000 lb. of push force
- 48,000 lb. of pull force
- Extend, swing, mast dump, oscillation, and fold
- CPT feed rate and hydraulic limit functions are standard
- Mast dump provides 36.5 in. of vertical travel to allow room for a mud pan

▶ Geotech Head Options

(All functions are available along the head side shift)

- 4-speed rotary head (4,000 ft-lb, 750 rpm) (standard option)
- 6-speed rotary head (6,800 ft-lb, 720 rpm) (high torque - optional)
- GH63 percussion hammer
- CPT push / pull assembly
- DH104 automatic drop hammer (hands-free)
- Rod grip pull system

▶ 28 in. of Head Side Shift

Moyno® 3L6 Pump Kit



Swing Out 7-in. Breakout

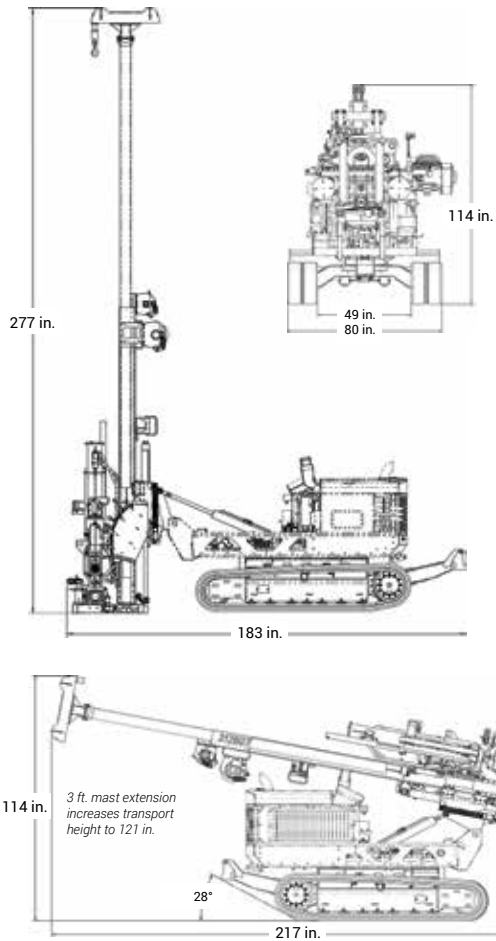
▶ Control Panel

- Manual controls provide tactile feel
- Electric controls add SAFE, HANDS-FREE operation

▶ VIDEOS AVAILABLE AT GEOPROBE.COM/3126GT WHEN YOU SEE THIS SYMBOL

WEIGHT & DIMENSIONS

Unit Weight (w/ typical options): 12,600 lb. (5,715 kg.)

**TOOLING****Typical Geoprobe® Tooling for the 3126GT**

- Geotechnical Tooling
 - SPT Sampling (Interlocking Split Spoon Sampler, Driven Casing SPT, HSA, Solid Auger, Mud Rotary)
 - Cone Penetration Testing (CPT)
- Direct Push
 - 60-in. Direct Push Tooling
 - Probe Rod Sizes: 3.75 in., 3.25 in., 2.25 in., 1.5 in., 1.25 in.*
 - Macro Core® Soil Sampling (MC5, MC7)
 - Dual Tube Soil Sampling (DT37, DT325, DT22)
 - Groundwater Sampling (SP22, SP16)
 - Prepacked Monitoring Well Installations (2.0 in., 1.5 in., 1.0 in., 0.75-in.)
 - Direct Image® Tooling
- HSA System (3.25 in, 4.25 in. and 6.25 in.)

*Center Rod Use Only
Rig shown with optional features. Weights & dimensions subject to change without notice.

**OPTIONS****Head Options**

- Geotech Head Assembly (4-Speed Rotary Head)
 - 4,000 ft-lbf
 - 750 rpm
- Geotech Head Assembly (6-Speed Rotary Head)
 - 6,800 ft-lbf
 - 720 rpm
- GH63 Percussion Hammer

Automatic Drop Hammer

- Automatic Drop Hammer, 140 lb.
 - Expansion Kit
 - 340 lb.
 - 300 lb.
 - 170 lb.
- Weight, 65 kg

Mast / Winch

- Primary Winch
 - 6,800 lbf
- Secondary Winch (Options)
 - 2,500 lbf.
 - 1,800 lbf. (quick change hook)
 - 1,100 lbf. (quick change hook)
- Third Winch (Optional)
 - 1,100 lbf (quick change hook, wireline)
- Telescoping Dual Winch Mast
- Telescoping Triple Winch Mast
- Telescoping Pivoting Dual Winch Mast
- Telescoping Pivoting Triple Winch Mast
- Mast Extension, 3 ft.
- Drill Mast Outrigger Kit

Breakout

- 7 in. Breakout
- Coring Upgrade Kit for 7 in. Breakout
- Breakout Storage Rack

Rotational Safety Cage

- Safety Cage

Water Swivels

- High Speed Water Swivel with Float
- Float Sub NWJ Pin Assembly
- Float Sub NWL Pin Assembly
- Float Sub HWL Pin Assembly
- Water Swivel Assembly

Control System

- Head Feed Pressure Control Kit
- Control Panel Display Screen Heater Kit

Water / Mud Pumps

- Moyno® 3L6 Pump Kit
- Moyno® 3L8 Pump Kit
- SPX Hose Pump Kit

Hydraulic Extruder

- Hydraulic Extruder Kit
- 3 in. Shelby Tube Cradle

Toolboxes / Rod Racks

- 53 in. Toolbox
- 32 in. Double Toolbox
- 5 ft. Rod Rack
- Spoon & Tube Holder
- Drop Rack System with 150 gal. Tank & 100 gal. Mud Tub
- Drop Rack System with 50 gal. Pressure Washer

Mud Pans

- Aluminum 100 gal Mud Pan

Additional Options

- CPT Accessory Package
- Yoke Vise & Mounting Bracket Kit, Horizontal
- Rod Grip Pull Latch



Geotech Head Assembly & Automatic Drop Hammer



Triple Winch & Mast Extension



7-in. Breakout & Spoon / Tube Holder



32-in. Double Toolbox



Hydraulic Extruder Kit, Rod Rack, and Spoon / Tube Holder



Videos, Photos, Specifications, Resources

geoprobe.com/3126gt

Geoprobe® 3145GT Geotech Drill Rig

Efficiency and Performance to Punch Out Power and Pipe Line Projects

Quickly traverse long stretches of tough terrain encountered on pipe line, power line, or wind farm projects in the NEW 3145GT geotechnical drill rig, combining the efficiency and simplicity of 31 series drill mast with speed and comfort of crawler carrier.

▶ VIDEOS AVAILABLE AT GEOPROBE.COM/3145GT WHEN YOU SEE THIS SYMBOL

▶ Geotech Head Options

(All functions are available along the head side shift)

- 4-speed rotary head (4,000 ft-lb, 750 rpm) *(standard option)*
- 6-speed rotary head (7,000 ft-lb, 720 rpm) *(high torque - optional)*
- GH63 percussion hammer
- CPT push / pull assembly
- DH104 automatic drop hammer (Hands-Free)
- Rod grip pull system



28 in. of Head Side Shift

Swing Out 7-in. Breakout

▶ Telescoping Winch Mast

- Primary winch
 - 6,800 lbf.
- Secondary winch options
 - 2,500 lbf.
 - 1,800 lbf. *(quick change hook)*
 - 1,100 lbf. *(quick change hook)*
- Third winch - optional
 - 1,100 lbf. *(quick change hook, wireline)*
- Taller standard winch
 - pull 20-foot tooling string with attached split spoon above the breakout

▶ Drill Mast

- 105 in. of head feed travel
- 36,000 lb. of push force
- 48,000 lb. of pull force
- Extend, swing, mast dump, oscillation, and fold
- CPT feed rate and hydraulic limit functions are standard
- Mast dump provides 45 in. of vertical travel to allow room for a mud pan
- Pivoting winch mast option lowers transport height 15 inches
- Standard coring controls

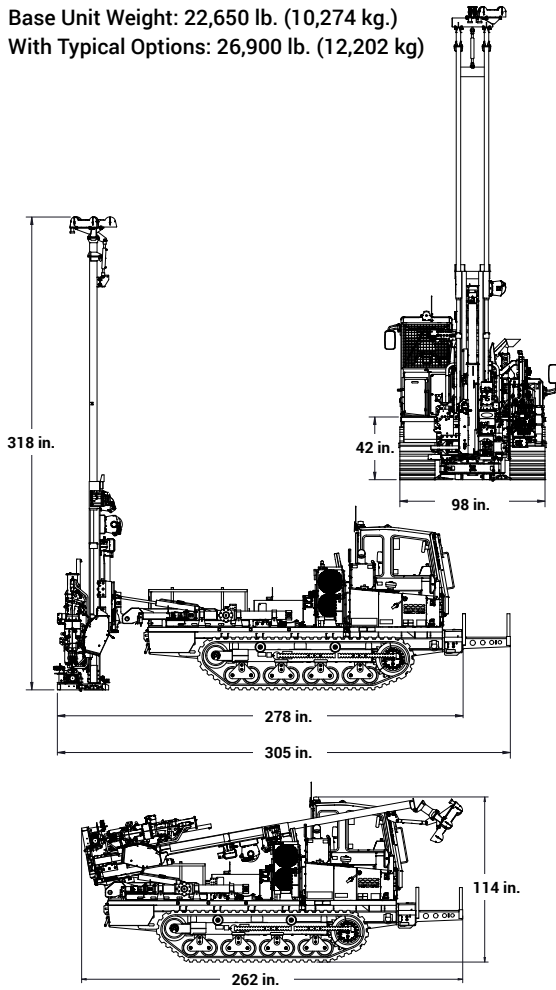
Moyno® 3L8 Pump Kit

▶ Control Panel

- Manual controls provide tactile feel
- Electric controls add SAFE, HANDS-FREE operation

WEIGHT & DIMENSIONS

Base Unit Weight: 22,650 lb. (10,274 kg.)
With Typical Options: 26,900 lb. (12,202 kg)



TOOLING

Typical Geoprobe® Tooling for the 3145GT

- Geotechnical Tooling
 - SPT Sampling (Interlocking Split Spoon Sampler, Driven Casing SPT, HSA, Solid Auger, Mud Rotary)
 - Cone Penetration Testing (CPT)
- Direct Push
 - 60-in. Direct Push Tooling
 - Probe Rod Sizes: 3.75 in., 3.25 in., 2.25 in., 1.5 in., 1.25 in.*
 - Macro Core® Soil Sampling (MC5, MC7)
 - Dual Tube Soil Sampling (DT37, DT325, DT22)
 - Groundwater Sampling (SP22, SP16)
 - Prepacked Monitoring Well Installations (2.0 in., 1.5 in., 1.0 in., 0.75-in.)
 - Direct Image® Tooling
- HSA System (3.25 in, 4.25 in. and 6.25 in.)

*Center Rod Use Only
Rig shown with optional features. Weights & dimensions subject to change without notice.



OPTIONS

Head Options

- Geotech Head Assembly (4-Speed Rotary Head)
 - 4,000 ft-lbf
 - 750 rpm
- Geotech Head Assembly (6-Speed Rotary Head)
 - 6,800 ft-lbf
 - 720 rpm
- GH63 Percussion Hammer

Automatic Drop Hammer

- Automatic Drop Hammer, 140 lb.
 - Expansion Kit
 - 340 lb.
 - 300 lb.
 - 170 lb.
- Weight, 65 kg

Mast / Winch

- Primary Winch
 - 6,800 lbf
- Secondary Winch (Options)
 - 2,500 lbf.
 - 1,800 lbf. (quick change hook)
 - 1,100 lbf. (quick change hook)
- Third Winch (Optional)
 - 1,100 lbf (quick change hook, wireline)
- Telescoping Pivoting Dual Winch Mast
- Telescoping Pivoting Triple Winch Mast
- Drill Mast Outrigger Kit

Breakout

- 7 in. Breakout
- Coring Upgrade Kit for 7 in. Breakout
- Breakout Storage Rack

Rotational Safety Cage

- Safety Cage

Water Swivels

- High Speed Water Swivel with Float
- Float Sub NWJ Pin Assembly
- Float Sub NWL Pin Assembly
- Float Sub HWL Pin Assembly
- Water Swivel Assembly

Control System

- Head Feed Pressure Control Kit
- Control Panel Display Screen Heater Kit

Water / Mud Pumps

- Moyno® 3L6 Pump Kit
- Moyno® 3L8 Pump Kit
- Water Carrier Kit, 50 gal. with Pump

Hydraulic Extruder

- Hydraulic Extruder Kit
- 3 in. Shelby Tube Cradle

Toolboxes / Rod Racks

- Fixed Tool Carrier Assembly
- 60 in. Toolbox
- 5 ft. Tool Rack Assembly
- Rear Storage Box
- 10 ft. Tool Rack Assembly - Side Mount
- 5 ft. / 10 ft. Tool Rack Assembly - Side Mount
- Split Spoon Table Weldment

Mud Pans

- Aluminum 100 gal Mud Pan

Additional Options

- CPT Accessory Package
- Yoke Vise & Mounting Bracket Kit, Horizontal
- Drill Mast Light Kit
- Rod Grip Pull Latch



Geotech Head Assembly & Automatic Drop Hammer



Pivoting Winch Mast



60 in. Toolbox



Triple Winches



Moyno® Pump



Videos, Photos, Specifications, Resources

geoprobe.com/3145gt

Geoprobe® 6712DT Drill Rig

Direct Push Rigs | 6712DT

Strong Direct Push Features in a Modular, Easy-to-Use Machine

Geoprobe® 6712DT modular drilling rig is perfect for small- to medium-sized direct push projects. It breaks into three components if necessary for easy transport to remote sites.

Modular Machine Design

- Can be assembled and disassembled in three parts
- Simple hydraulic design

Geoprobe® GH63 Series Percussion Hammer

- Modular percussion power cell technology
- Single speed bi-directional rotation

Rear Blade (Stabilization & Tool Transport)

Wireless & Tethered Remote Drive

Rotary Head (optional)

- Two-speed rotary head, 2,500 ft/lb (optional)
- Up to 150 rpm

Winch Mast

- Optional mast & winch system
- 2,500 lbf winch

Drill Mast

- 36,000 push
- 48,000 pull
- Sideshift (optional)

Controls

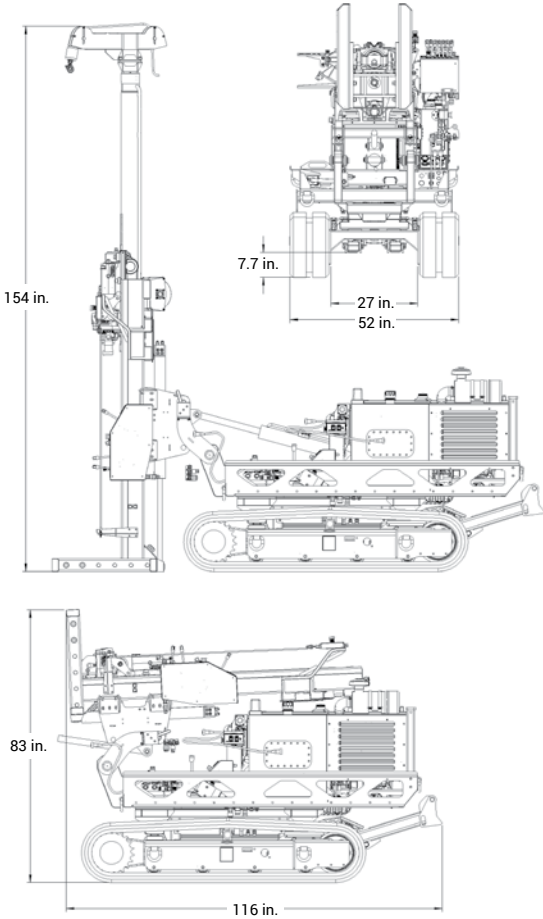
- Simple control panel design
- Manual controls provide tactile feel



WEIGHT & DIMENSIONS

Base Unit Weight: 6,250 lb. (2,835 kg.)
Includes drill mast side shift

Base Unit Weight: 6,030 lb. (2,735 kg.)
Does not include drill mast side shift



TOOLING

Typical Geoprobe® Tooling for the 6712DT

- 60-in. Direct Push Tooling
- Probe Rod Sizes: 3.75 in., 3.25 in., 2.25 in., 1.5 in., 1.25 in.*
- Macro Core® Soil Sampling (MC5, MC7)
- Dual Tube Soil Sampling (DT37, DT325, DT22)
- Groundwater Sampling (SP22, SP16)
- Prepacked Monitoring Well Installations (2.0 in., 1.5 in., 1.0 in., 0.75-in.)
- Direct Image® Tooling
- Interlocking Split Spoon Sampler

*Center Rod Use Only
Rig shown with optional features. Weights & dimensions subject to change without notice.



OPTIONS

Machine Modules

- Drill Mast
- CPT Mast
- Low Clearance Drill Mast with Sideshift
- Standard Undercarriage
- Lightweight Undercarriage

Rotary Head

- 2 Speed Rotary Head

Automatic Drop Hammer

- Automatic Drop Hammer, 140 lb.
- 170 lb. Expansion Kit
- Weight, 65 kg.

Mast / Winch

- Hydraulic Winch and Mast

Rotational Safety Cage

- Safety Cage

Water / Mud Pumps

- Moyno® 2L4 Pump Kit

Hydraulic Extruder

- 5 ft. Hydraulic Extruder Kit
- 5 ft. Hydraulic Extruder with Moyno® 2L4 Pump
- 3 in. Shelby Tube Cradle

Rod Racks

- Locking Side Mount Rod Rack
- Side Mount Rod Rack
- Side Rack Mount Blank

Toolboxes

- 48 in. Toolbox
- 53 in. Toolbox

Drop Rack

- Drop Rack System with Utility Rack
- Drop Rack System with Rod Rack
- Drop Rack with 50 gal. Pressure Washer
- Drop Rack System with 150 gal. Tank
- Water Transport System 25 gal.
- Yoke Vise and Mounting Bracket
- Rear Blade Forks (Pair)
- Rear Blade Hanger Blank

Additional Options

- CPT Valve Kit
- Cable Rod Rack
- LCD Display Heater Kit
- Drop Rack Suitcase Weight Assembly
- Wireless Radio Track Drive Option
- Field Service Kit
- Drop Rack Weight Assembly with Attachment Point



The track section of the 6712DT is lowered to a site on the mountainside to advance 4.25-in. hollow stem augers to install 2.0-in. monitoring wells.



Hydraulic Winch and Mast



2 Speed Rotary Head Attachment



Safety Cage



Extruder w/ 2L4 Mounting Kit



Locking Side Mount Rod Rack



Videos, Photos, Specifications, Resources

geoprobe.com/6712dt

Geoprobe® 6011DT Drill Rig

Direct Push Rigs | 6011DT



Small Drill Rig with Big Direct Push Power

Drillers seeking a small footprint, but big direct push drill rig power, choose the 6011DT to efficiently track into tight spots or through tough terrain. The rig features a proven GH63 percussion hammer while still being sized to slip into small spaces.

Low Clearance Cylinder Option
(not pictured)

- Features**
- 4,800 lb direct push only platform
 - 44 horsepower engine
 - Uses 5-foot tooling
 - Affordable price point
 - Load-sense hydraulics reduce fuel consumption
 - Suited for Direct Image® logging tools and CPT
 - Tier 4/Stage V engine

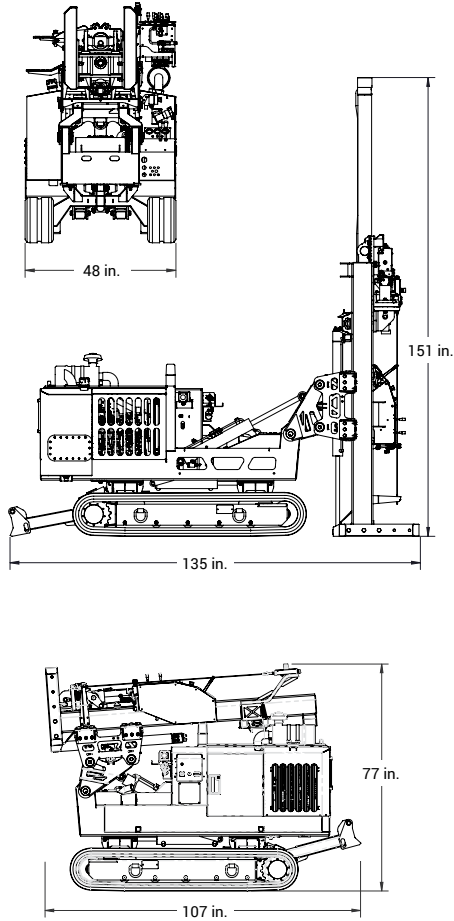
GH63 Percussion Hammer

48-inch Wide Tracks

Rear Blade
(Stabilization & Tool Transport)

WEIGHT & DIMENSIONS

Base Unit Weight: 4,800 lb. (2,177 kg.)



TOOLING

Typical Geoprobe® Tooling for the 6011DT

- 60-in. Direct Push Tooling
- Probe Rod Sizes: 3.75 in., 3.25 in., 2.25 in., 1.5 in., 1.25 in.*
- Macro Core® Soil Sampling (MC5, MC7)
- Dual Tube Soil Sampling (DT37, DT325, DT22)
- Groundwater Sampling (SP22, SP16)
- Prepacked Monitoring Well Installations (2.0 in., 1.5 in., 1.0 in., 0.75-in.)
- Direct Image® Tooling

*Center Rod Use Only
Rig shown with optional features. Weights & dimensions subject to change without notice.



OPTIONS

Rotary Head

- Two Speed Rotary Head (2,500 ft-lbs)

Rotational Safety Cage

- Rotation Guard

Hydraulic Extruder

- 5 ft. Hydraulic Extruder Kit

Pumps

- Moyno® 2L4 Pump Kit

Side Rod Rack / Tool Box

- Rod Rack
- Control Panel Side Storage

Drop Rack

- Drop Rack System with Rod Rack
- Yoke Vise & Mounting Bracket Kit, Horizontal

Additional Options

- Head Feed Down Control Kit



Videos, Photos, Specifications, Resources

geoprobe.com/6011dt

Geoprobe® 5410 Drill Rig

5410 Features

- Hydraulic lateral swing for offset probe placement
- Two-speed pull cylinder
- Robust Geoprobe® GH42 hammer system
- Integrated V-block design for rod grip use
- Reliable, compact truck design
- Bi-directional hammer rotation
- Rapid job site set-up and assessment
- Auxiliary hydraulic ports for remote equipment

The 5410 uses the carrier vehicle for power, and most field supplies can be taken to the site within the enclosed truck.



Tooling

Typical Geoprobe® Tooling for the 5410

- 48-in. Direct Push Tooling
- Probe Rod Sizes: 2.25 in., 1.5 in., 1.25 in.
- Macro Core® MC5 Soil Sampling
- LB Soil Sampling
- DT22 Soil Sampling
- SP22 Groundwater Sampling
- SP16 Groundwater Sampling
- 0.75-in. Prepacked Monitoring Well Installations



Videos, Photos, Specifications, Resources
geoprobe.com/5410

540MT Features

- Limited access direct push capabilities
- Reliable Geoprobe® GH40 hammer system
- Bi-directional hammer rotation for concrete drilling
- 54-in. stroke accommodates 48-in. tooling
- Uses remote hydraulic source
- Cart mounted with rear stabilization legs
- Quick connects easily attach to remote power unit
- Optional telescoping mast for low clearance work



A 540MT is used for geotechnical surveys at a potential mining site in Greenland.

Using the 540MT inside a building to collect DT22 samples to delineate a UST plume and determine site lithology.



At 35-in. wide, this little machine fits through some tight spots.

Tooling

Typical Geoprobe® Tooling for the 540MT

- 48-in. Direct Push Tooling
- Probe Rod Sizes: 2.25 in., 1.5 in., 1.25 in.
- Macro Core® MC5 Soil Sampling
- LB Soil Sampling
- DT22 Soil Sampling



Videos, Photos, Specifications, Resources
geoprobe.com/540mt

Geoprobe® 420M Drill Rig

420M Features

- Mast weight under 450 lb.
- Reliable Geoprobe® GH40 hammer system
- 42-in. stroke accommodates 36-in. tooling
- Uses remote hydraulic source
- 23-in. width fits easily through doorways
- Pin-in outrigger legs enhance stability
- Quick connects easily attach to remote power unit
- Easy to transport from site-to-site or to remote locations
- Rotational capability in hammer for pavement penetrator



Cramped probing conditions inside building.

Easy to maneuver through a standard door opening, heading for work in a residential basement.



Collecting geotechnical samples for a new elevator shaft.



Maneuvering between two homes.

Tooling

Typical Geoprobe® Tooling for the 420M

- 36-in. Direct Push Tooling
- Probe Rod Sizes: 2.25 in., 1.5 in., 1.25 in.
- Macro Core® MC5 Soil Sampling
- LB Soil Sampling



Videos, Photos, Specifications, Resources
geoprobe.com/420m

Geoprobe® 20CPT Press

20CPT Press Features

- 20-tons of downforce (anchored)
- 30-tons of pull
- Interchangeable with drill mast on 6712DT
- Quick mounts to skid steers (different mounting connection than 6712DT)
- Hydraulic rod clamp
- Hydraulic bottom clamp
- 54-in. stroke
- Front outriggers
- Head down pressure gauge



The Geoprobe® 20CPT Press mounted on a 6712DT.



The Geoprobe® 20CPT Press mounted on a skid steer.



Tooling

Typical Geoprobe® Tooling for the 20CPT Press

- 48 in. CPT or Direct Image® tooling
- Probe Rod size 1.42 in. (36mm) cone rod or 1.5 in. Geoprobe® rod
- Cone Penetration Test Tooling
- Direct Image® Tooling
- Adaptable to other rod sizes where applicable (1.75 in. when using DI Tooling)



Videos, Photos, Specifications, Resources
geoprobe.com/20cpt

Geoprobe® 2060CPT Drill Rig

Cone Penetration Testing (CPT) | 2060CPT

2060CPT Features

- 20-tons of downforce (static push)
- 30-tons of pull
- Climate-controlled cabin
- Shear wave generators (optional)
- 6712DT mast (optional)
- Under-mounted camera
- Four hydraulic Outriggers for leveling machine
- Large engine bay doors
- Robust track system
- Compact, user-friendly controls



The 2060CPT features 20-tons of downforce and 30-tons pull.

The CPT equipment is placed into the push clamp for testing.



The optional 6712DT mast allows for coring, conventional soil sampling, shallow drilling for soil verification, and pre-drilling.

Tooling

Typical Geoprobe® Tooling for the 2060CPT

- 48 in. Static Push tooling
- Probe Rod size 1.42 in. (36mm) cone rod or 1.5 in. Geoprobe® rod
- Cone Penetration Test Tooling
- Direct Image® Tooling
- Direct Push Tooling (when equipped with optional 6712DT mast)



Videos, Photos, Specifications, Resources
geoprobe.com/2060cpt

VIDEO

Accessories

Components	Part	MN	Notes
	Drop Rack System NEW	236709	150 Tank + 100 Mud Tub
	Drop Rack System w/ Utility Rack	207443	No water tank
	Drop Rack System w/ Rod Rack	207659	6712DT, 7822DT, 3230DT
	Drop Rack System w/ 50 gal. Pressure Washer	213990	7822DT, 6712DT, 6622CPT
	Drop Rack System w/ 150 gal. Water Storage Tank	207104	
	300 gal. Drop Rack Water Transport	207103	3230DT, 8140LS, 8140LC, 8040DT
	25 gal. Water Transport System	209445	
	Indexing Rack (4.5 in. Casing)	226096	Holds 200 ft. of Sonic Casing
	Indexing Rack (6.0 in. Casing)	226133	Holds 150 ft. of Sonic Casing
	Indexing Rack (7.625 in. Casing)	226314	Holds 120 ft. of Sonic Casing
	Rod Rack with Roller	216786	10 ft. Casing
	Sonic Rod Rack 4x6 NEW	238030	10 ft. Casing
	Yoke Vise & Mounting Bracket Kit	213932	
	Split Sheath Chain Vise Rack	219920	
	Horizontal Vise and Mounting Assembly	213927	
	Rear Blade Forks (1 Pair)	213202	
	Rear Blade Hanger Blank	211664	
	Side Rack Mount Blank	211734	
	20 in. Toolbox NEW	207214	
	48 in. Toolbox NEW	220333	
	53 in. Toolbox NEW	212954	3230DT, 8140LS, 8140LC, 8040DT
	32 in. Double Toolbox NEW	234971	

INDUSTRY FIRST



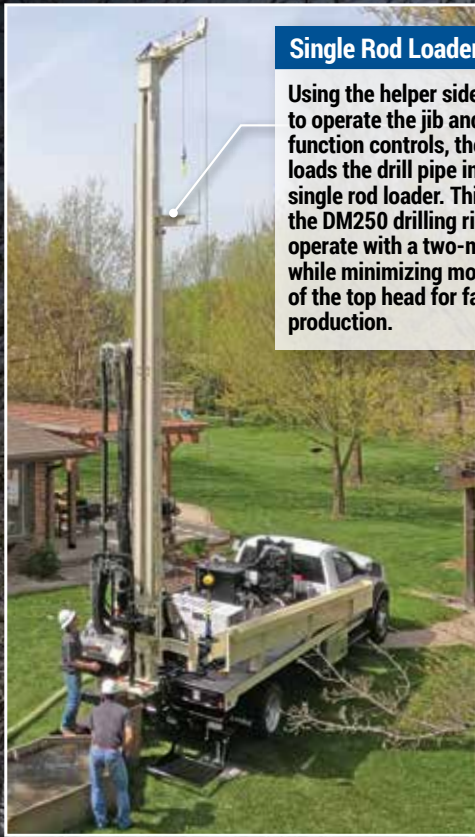
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Geoprobe® Rear Blade and Drop Rack System

Mud Rotary Super Rack
geoprobe.com/super



The mud rotary super rack makes it easy to bring hollow stem augers, a mud tub, and water tank to job sites.



Single Rod Loader

Using the helper side controls to operate the jib and winch function controls, the helper loads the drill pipe in the single rod loader. This makes the DM250 drilling rig easy to operate with a two-man crew while minimizing movement of the top head for faster production.

No CDL*
Required!
(*Class A/B)

Rod Carousel

Carousel carries 160-feet of 3-inch (20-foot tooling) drill pipe for a simple, easy way to go in and out of the hole. Machined grooves along base of carousel with arrow marker provide visual indicator without looking up to sky when aligning rotary head over rods.

Easy to Mobilize

Under CDL chassis is equipped with diesel engine, automatic transmission, and 4x4.

On-board Grout Mixer

40-gallon on-board grout mixer runs off of rig hydraulics, saving fuel compared to running an extra engine.

Additional Options

- Sandline
- Stabilizer tray
- Lift pump
- Air-powered diaphragm pumps
- and more

Mud Pump & Air Compressor

Multiple mud pump and air compressor options include: 5x5 duplex, centrifugal pumps, 125cfm, and 85cfm development air compressor.

Control Panel

The neatly laid out control panel includes engine monitoring, an E-stop, hydraulic pressure gauges, friction control levers for mud pump and rotation circuits, and electronic throttle controls.

From simple operation and surprising power to fast production with 22-foot stroke, the DM250 offers loads of added value all under class A/B CDL.

FEATURES



Compact Transport

A compact transport size makes the DM250 a good fit for residential work where limited access is a priority.



Top Head Carriage

The top head carriage uses rollers instead of slides to provide smoother travel, easier maintenance, and longer life.

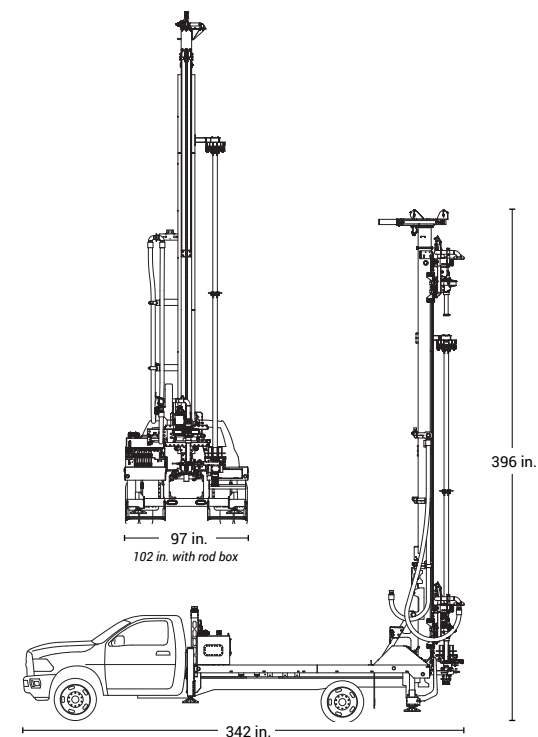
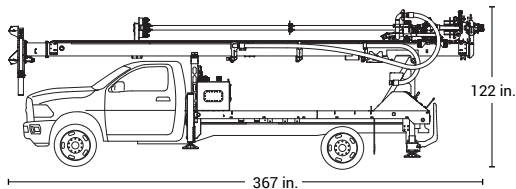


Table Assembly / Breakout Wrench

Clearance is provided for up to 12-inch PVC casing. The holding fork and hydraulically operated adjustable breakout wrench make tripping out fast and safe.

WEIGHT & DIMENSIONS

Base Unit Weight: 20,000 lb. (9,072 kg.)



Rig shown with optional features. Weights & dimensions subject to change without notice.

OPTIONS

Head

- High Torque Head Assembly
- High Speed Head Assembly

Breakout Fork

- Breakout Fork Weldment (Mayhew)
- Breakout Fork Weldment (IF)
- Centralizer Kit

Rod Loader/Box:

- 20 ft. Rod Loader - Rod Box Option
- 15 ft. Rod Loader - Rod Box Option

Helper Controls

- Helper Controls Kit

Carousel

- Carousel 8 Rod with DMR3 Head Assembly

Winches

- Dual Winch: 5,000 lbf and 1,800 lbf
- Dual Winch: 5,000 lbf and 1,100 lbf
- Single Winch: 5,000 lbf

Mud Pumps

- 2 in. Pump Air Operated Diaphragm Kit
- 3 in. Pump Air Operated Diaphragm Kit
- Duplex Pump 5x5
- Centrifugal Pump 4x3x13
- Centrifugal Pump 3x2x13
- Moyno® 3L6
- Centerline 7½ x 10 Mono Pump

Air Compressor

- Air Compressor 80 CFM
- Air Compressor 125 CFM
- Air Compressor 225/150 CFM
- Air Compressor 225/150 CFM with Mud Pump

Mud and Air Combination

- Duplex Pump 5x5 & 85 CFM Compressor
- Centrifugal Pump 3x2x13 & 125 CFM Compressor
- Centrifugal Pump 4x3x13 & 125 CFM Compressor
- Centrifugal Pump 7.5x10 & 125 CFM Compressor
- Centrifugal Pump 4x3x13 & 225 CFM Compressor

Trash Pump

- Centrifugal Trash Pump Kit

Grouter

- Grouter Kit

Other Kits

- Water Injection Kit
- Hammer Lubricator Kit

Tool Storage

- Underbody Toolbox Kit, 36 in.
- Rod Box Weldment 20 ft. x 5 Rods
- Stabilizer Tray 10 ft x 9.5 in. OD

Casing Slips

- (2) Casing Slips

TOOLING

DRILLMAX® 2-3/8 Mayhew Regular and IF Drill Pipe

DRILLMAX® Spring Assisted Swivel Hoist Plug

DRILLMAX® Adapter Subs



Videos, Photos, Specifications, Resources
drillmaxrigs.com/dm250



Rod Carousel

Carry 240-feet of 3.5-inch rods with additional 300 feet in box, using winch and jib to back feed carousel. Grooves along carousel provide visual indicator when aligning rotary head over rods. A 15 rod carousel is also available that holds 3-inch rods (300-feet).



Top Head Carriage

The top head carriage on the DM450 drill truck uses rollers instead of slides, providing smoother travel, easier maintenance, and longer life.

Single Rod Loader

Using the helper side controls to operate the jib and winch functions controls, the helper loads the drill pipe in the single rod loader. This makes the DM450 drill rig easy to operate with a two-man crew and minimizing top head movement facilitates faster production.

Drillmast

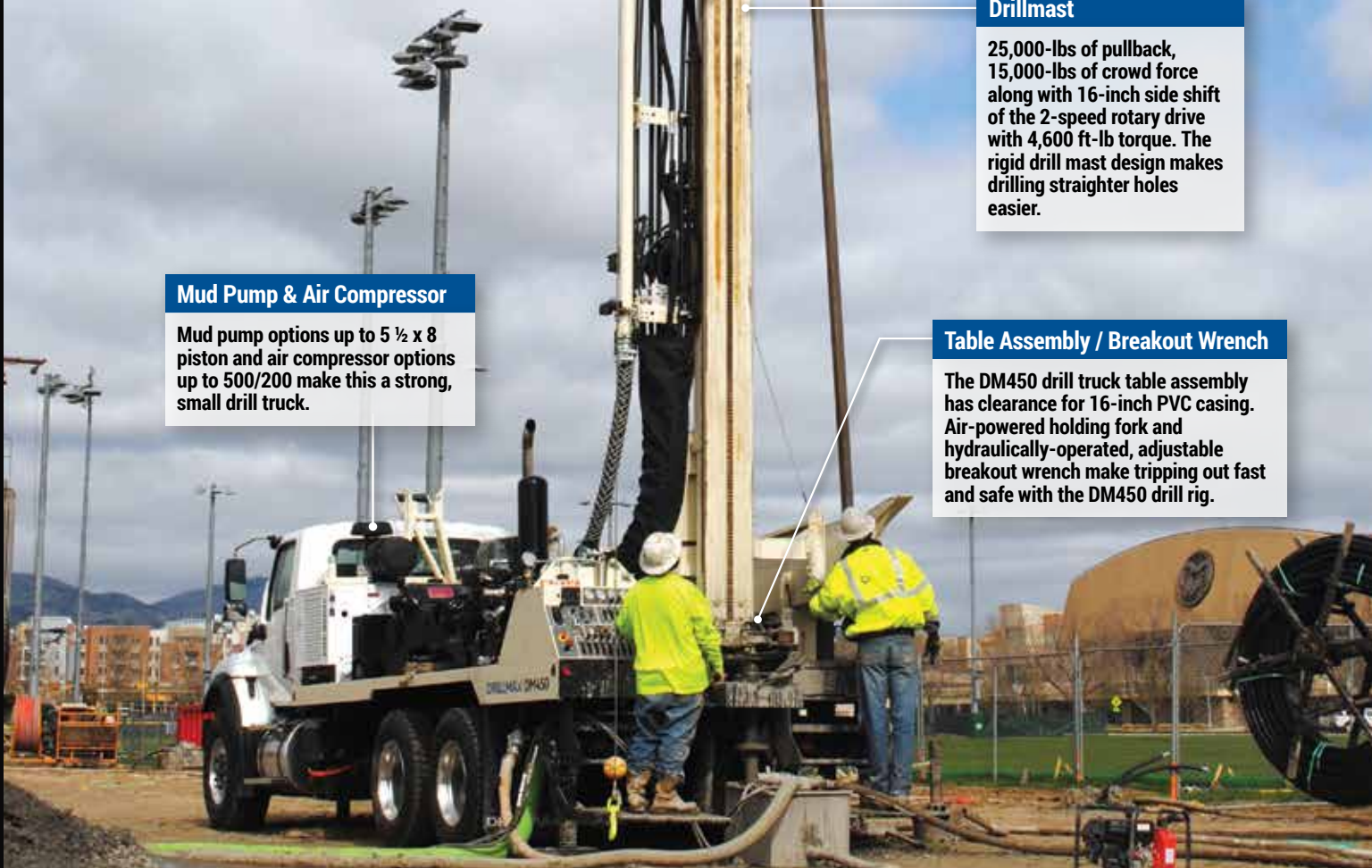
25,000-lbs of pullback, 15,000-lbs of crowd force along with 16-inch side shift of the 2-speed rotary drive with 4,600 ft-lb torque. The rigid drill mast design makes drilling straighter holes easier.

Mud Pump & Air Compressor

Mud pump options up to 5 1/2 x 8 piston and air compressor options up to 500/200 make this a strong, small drill truck.

Table Assembly / Breakout Wrench

The DM450 drill truck table assembly has clearance for 16-inch PVC casing. Air-powered holding fork and hydraulically-operated, adjustable breakout wrench make tripping out fast and safe with the DM450 drill rig.



Top head offering both torque and speed to the impressive power to weight ratio make the DM450 well suited for water well, geothermal, and/or cathodic protection drilling while minimizing maintenance.

FEATURES



Truck Chassis

Equipped with a diesel engine, the lightweight, small drill rig is suited for large residential water wells, commercial geothermal, and cathodic protection drilling.

Control Panel
The durable, mechanical controls neatly laid out on the robust, organized control panel makes training new drillers easy.

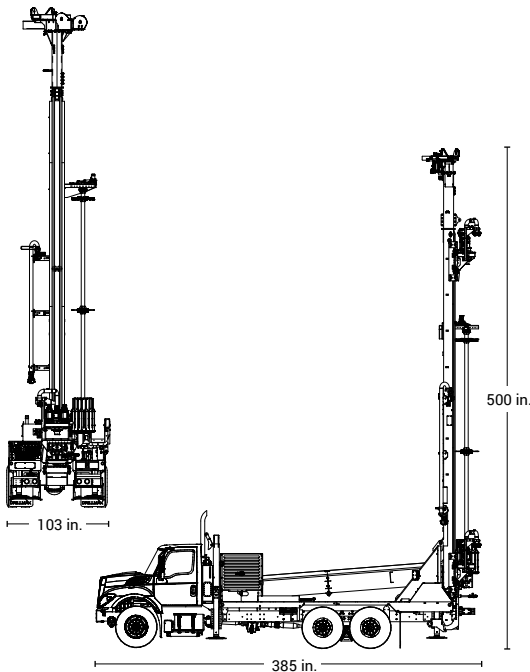
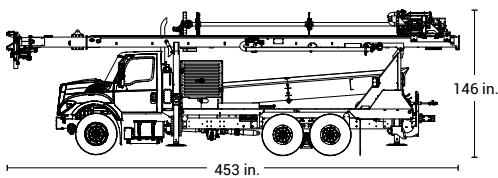


On-Board Mud Cleaning System

Factory-mounted mud cleaning system uses separate hydraulic circuit eliminating competition among functions and easily connects to pump for quick set up.

WEIGHT & DIMENSIONS

Unit Weight (as typically equipped):
45,300 lb. (20,548 kg.)



Rig shown with optional features. Weights & dimensions subject to change without notice.

OPTIONS

Spindle Adapters

- Sub 3-1/2 IF Box x 3-1/2 IF Pin 8 S-S
- Sub 2-3/8 MJ Box x 3-1/2 IF Pin 16 S-S
- Sub 2-3/8 MJ Pin x 2-3/8 MJ Pin 16 S-S
- Sub 3-1/2 IF Box x 3-1/2 IF Pin 8 S-S
- Sub 2-3/8 MR Box x 3-1/2 IF Pin 16 S-S
- Sub 2-3/8 MR Pin x 2-3/8 MR Pin 16 S-S
- Sub 3-1/2 IF Box x 3-1/2 IF Pin 8 S-S
- Sub 2-3/8 IF Box x 3-1/2 IF Pin 16 S-S
- Sub 2-3/8 IF Pin x 2-3/8 IF Pin 16 S-S
- Sub 3-1/2 IF Box x 3-1/2 IF Pin 8 S-S
- Sub 3-1/2 IF Box x 3-1/2 IF Pin 16 S-S
- Sub 3-1/2 IF Pin x 3-1/2 IF Pin 16 S-S

Tool Storage

- HD Toolbox Assembly, 60 in.
- Front Open Toolbox Assembly

Additional Options

- Hyd Welder with Leads & 8 in. Hmr Tray
- Hammer Lubricator Assembly
- Air Hose Reel Kit
- Hammer Air 8 in. with Casing Drive
- DM450 Centralizer Kit 4 in. Casing
- Mud System Deck Mount
- Winch Mast Extension Kit
- Grouter Kit
- Breakout Wrench
- Aux Fuel Tank Kit
- Stabilizer Tray

Breakout Fork

- Breakout Fork Weldment (Mayhew)
- Breakout Fork Weldment (IF)
- Breakout Fork Weldment (4.5 in.)
- Centralizer Kit

Mud/Water Pumps

- Centrifugal Pump 4x3x13
- Centrifugal Desander Pump 3x2x13
- 3 in. Diaphragm Pump Kit
- Duplex Pump 5.5x8
- Duplex Pump 5x6
- Duplex Pump 5.5x8 & Centrifugal Pump 4x3
- Water Injection Pump Kit

Rod Loader / Box

- Single Rod Loader 3 in. Casing
- Rod Box 3 in. Casing
- Single Rod Loader 3.5 in. Casing
- Rod Box 3.5 in. Casing
- Single Rod Loader 4.5 in. Casing
- Rod Box 4.5 in. Casing

Carousel

- Carousel 3.5 in. x 12 Rod
- Carousel 3 in. x 15 Rod
- Rod Spinner Assembly
- Carousel Rod Box Assembly 3.5 in. Casing

Air Compressor

- Air Compressor, 500 CFM Kit

TOOLING



DRILLMAX® 2-3/8 Mayhew Regular and IF Drill Pipe



DRILLMAX® Spring Assisted Swivel Hoist Plug



DRILLMAX® Adapter Subs



Designed by DRILLMAX® Engineering



Videos, Photos, Specifications, Resources
drillmaxrigs.com/dm450



**Call
Us
Today**



Three Service Centers Offer Customers

Expertise.

Members of our service teams have multiple decades of experience to handle service and repair on most major brands of drill rigs and pump hoists, such as:

- top head and mud pump rebuilds
- air compressor service and hydraulic repairs
- rig remounts and refurbishments

When you call, you will talk to a live person, highly trained to help you with your drill rig – no matter the brand or type. Our service team is supported by our team of engineers to find the solution to your problems, not just a temporary fix.

Specialty Tools.

With the latest tools and diagnostic equipment, our talented team is here to help keep you in the field working. Our teams also have fabrication and welding capabilities in the event a specialty part or more in-depth repair is required.

- East Coast Service Center team specializes in refurbishments of large air and mud rotary drill rigs from across the nation along with service on Geoprobe® models.
- Factory Service Center team completes Genuine Geoprobe® Factory Refurbishments in addition to rig maintenance and repair.
- Southeast Service Center handles DRILLMAX® refurbishments, service and repair on all Geoprobe® models, and repair of most major brands.

Parts Inventory.

Stocking common repair parts for direct push, mud rotary, and air rotary rigs expedites your service, whether it's an emergency job site repair or a single day in the service center. Examples of parts available include:

- hydraulic hoses
- mud pump and top head repair parts
- filters

Most replacement and critical drill rig parts are kept on the shelves at all times. And if you call before 3 p.m., CT, we can ship most the same day.



www.geoprobe.com



International Service

At Geoprobe® headquarters in Salina, Kansas, our in-country distributors and other international customers are supported by a three-person team: dedicated customer service representative, a tooling specialist, and a service technician who focuses on international drilling equipment maintenance and service concerns.

Questions on routine maintenance or service concerns should be emailed to: international@geoprobe.com and our expert service technician will work with you to resolve your issues in a timely manner.

FACTORY SERVICE CENTER

1835 Wall St. • Salina, KS 67401 • 785-825-1842

geoprobe.com/factory



Thanks to the direct link between our talented service technicians and drill rig engineering team, you'll experience the highest quality maintenance and access to parts for your drill rig. Whether it's questions, general maintenance, troubleshooting, repair, or refurbishments, our goal is to provide top service. Drillers rely on our experienced service team for helpful answers and/or more extensive rig fixes, plus same-day shipping on many drill rig parts.

Providing Top Service for Our Customers

General maintenance, troubleshooting, repair, refurbish

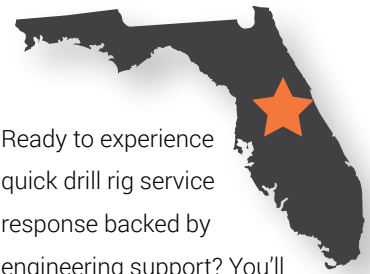
- **General Service & Maintenance**
- **Phone Support / Troubleshooting**
- **Hammer Replacement & Head Rebuilds**
- **Electrical / Hydraulic Diagnostics**
- **Geoprobe® Factory Refurbish**



Extend the lifetime of your machine through the refurbishing services at Geoprobe®. This thorough process includes totally tearing down, sandblasting, and repainting the unit. It is then built back up with all new **Genuine Geoprobe® parts**. The refurb includes, but is not limited to, a new hydraulic pump, re-manufactured GH64 hammer, new probe cylinder, re-manufactured foot cylinder, all new hydraulic lines, all new electrical harnesses including gauges, new wireless remote system, all new unit slides, new rubber tracks, and an inspection of the track undercarriage. Additionally, unit updates are part of the refurb process. When finished, your unit will look **virtually new** and you won't believe it is the same machine!

SOUTHEAST SERVICE CENTER

5801 SW 6th Pl • Ocala, FL 34474 • 352-854-1566



geoprobe.com/sesc



Ready to experience quick drill rig service response backed by engineering support? You'll find full service capabilities – for any make or model – at our Southeast Service Center. Whether you're needing a quick reply to a routine maintenance question or an appointment for more in-depth drill rig repair, we're here to help. Drillers have come to rely on the service team for helpful answers and/or for their more intensive fixes – plus next day shipping on many parts. Our goal is simple – provide you with top rig service (in the shop or field), helping to keep you running.

Full Rig Service Capabilities

We work on rigs of any make or model

- *Refurbishments*
- *Routine Maintenance*
- *Mud Pump Rebuild*
- *Top Head Rebuild*
- *Air Compressor Service*
- *Hydraulic Repairs*



Geoprobe® Rig Repair & Service



EAST COAST SERVICE CENTER

468 Limestone Rd • Oxford, PA 19363 • 610-467-1750

geoprobe.com/ecsc



Before



After

The East Coast Service Center has factory-trained and field-proven service technicians to get you proper maintenance to keep your rig producing. Our experienced staff has the knowledge and dedicated vendor relationships to get you the parts you need, when you need them. Whether you're looking for a simple re-paint and re-hose to a full rig teardown and rebuild, we offer custom rig refurbishments to fit any budget. Working with engine and compressor OEMs, your factory refurbished components come with factory warranty.



Rig Ready for Refurbishment?

We work on rigs of any make or model

- Rig Refurbishments on Any Make or Model
- Routine Maintenance
- Mud Pump Rebuild
- Top Head Rebuild
- Air Compressor Service
- Hydraulic Repairs



Before



After



Before



After



Service Kits & Accessories

Components	Part	MN
	FIELD SERVICE KIT	214239
	FIELD SERVICE KIT (67, 78, 32, 40, & 50 Series Machines)	214244
	GAUGE HYD 5000 PSI W/FEMALE QC	208255
	PAINT AEROSOL GEOPROBE® ALMOND	113008
	PAINT AEROSOL GEOPROBE® BLACK	113051
	PAINT AEROSOL GEOPROBE® CHARCOAL	113010
	SPRAY LUBE SILICONE 13.25 OZ 3M	600008
	TERMINAL REMOVAL TOOL	601024
	TEST LEAD WIRE ASM	213926
	DIGITAL MULTIMETER AC/DC	601026
	REGULATOR NITROGEN ASM	206832
	EMPTY NITROGEN BOTTLE ASM	206833

Components	Part	MN
	RELAY 12V 40A 5PIN N.O. NC W/ RSTR	107206
	CRIMPER U-BARREL 24-14ga	601025
	HYD O-RING ASSORTMENT KIT	214240
	OIL SAMPLE TEST KIT	600730
	FUEL CAP PLASTIC LOCKING (GREEN)	103906
	DETENT PIN ASM	203871
	CABLE LUBRICANT 12 OZ	500751
	RTV SILICONE SEALANT 3 OZ TUBE CLEAR	112179
	KIT 2-PART PAINT PRIMER 1 GAL	220260
	PAINT ALMOND 1 GAL (kit 2-part)	220261
	KIT 2 PART PAINT BLACK 1 GAL	220262
	KIT 2 PART PAINT CHARCOAL 1 GAL	220263





Remote Accessories

Components	Part	MN
	WIRELESS REMOTE REPLACEMENT BATTERY 3.6 V	600275
	BATTERY CHARGER REDUCTION TAB	600867
	WIRELESS REMOTE BATTERY CHARGER 12VDC (for 600275)	206009
	WIRELESS REMOTE BATTERY CHARGER 110V (for 600275)	600273
	CONTROL WIRE PADDLE CONTROL BOX 15 ft.	200155
	TETHERED PADDLE BOX ASM 7822/80	208320
	TETHERED PADDLE BOX ASM 6620/25/6712DT/54LT	207757
	GREEN ENABLE BUTTON	213174
	GREEN ENABLE RUBBER BOOT	105930
	CLEAR RUBBER BOOT HETRONIC REMOTE ENABLE BUTTON	600907
	SWITCH TGL SPDT ON/OFF/ON MOM OTTO	107033
	SWITCH TGL SPDTON/OFF/ON MAIN OTTO	107034




Components	Part	MN
	CERVIS REMOTE EMERGENCY STOP SWITCH	110022
	CERVIS REMOTE JOYSTICK	110023
	CERVIS REMOTE JOYSTICK MOUNTING PLATE	108707
	TOGGLE SWITCH RUBBER HALF BOOT	108342
	CERVIS BATTERY DOOR (PISTOL GRIP TX)	107406
	MAGNETS PISTOL GRP TX CERVIS (107404)	111261
	MAGNETEK REMOTE BATTERY BOX COVER	112443
	MAGNETEK REMOTE EMERGENCY STOP SWITCH	112350
	MAGNETEK REMOTE TRACK SPEED SELECTOR SWITCH	111304
	MAGNETEK REMOTE TRACK JOYSTICK	111301
	MAGNETEK REMOTE POWER SWITCH	111300
	MAGNETEK REMOTE REMOVABLE BATTERY CASE	111299

Decal Kits

Components	Part	MN
	6610DT DECAL KIT	205744
	6620DT DECAL KIT	207783
	7720DT DECAL KIT	211319
	7730DT DECAL KIT	211010
	7800 DECAL KIT	212734




Components	Part	MN
	7822DT V1 DECAL KIT	211260
	7822DT V2 DECAL KIT	213394
	7822DT V3 T4/S5 DECAL KIT	223402
	3230DT DECAL KIT	111404

Hydraulic Filtration Kits

Components	Part	MN
	OUTBOARD HIGH PRESSURE FILTER QUICK CONNECT	210244
	OUTBOARD HIGH PRESSURE FILTER IN-LINE	207890
	OUTBOARD HIGH PRESSURE FILTER REPLACEMENT CARTRIDGE	107378

Components	Part	MN
	OIL SAMPLE ANALYSIS KIT	600173
	SAMPLE BOTTLE 40Z CLEAR PVC	115047

GH40 Series Hammer

Components	Part	MN
	NITROGEN CHARGE ADAPTER GH40 SERIES	201133
	EMPTY NITROGEN BOTTLE ASM	206833
	NITROGEN CHARGE KIT GH40 SERIES	204037
	ANVIL RETAINER CAP	213964
	ANVIL HAMMER GH40 SERIES	213794
	SEAL KIT UPPER ASM GH40 HAMMER	213959
	SEAL KIT LOWER GH40 SERIES	213960
	ACCUMULATOR DIAPHRAGM	100086

Components	Part	MN
	GH40 REMANUFACTURED UPPER ASM	213952
	GH41 REMANUFACTURED UPPER ASM	213957
	GH40 REMANUFACTURED GEARBOX ASM	213954
	GH42 REMANUFACTURED GEARBOX ASM	213966
	GH41 REMANUFACTURED GEARBOX ASM	213961
	ANVIL RETAINER CAP REPAIR KIT	213965
	RG JAW HAMMER V-BLOCK GH40 SERIES	200689
	FHSCS 3/8-16NCX .75	101149

Wireless Remote Overview

geoprobe.com/mm



See how to use a Magnetek wireless remote with Geoprobe® machines.














Hammer Charge Procedure

geoprobe.com/mm









This video shows the nitrogen charge process for the GH60, GH70, and GH80 hammers.

GH60 Series Hammer







Components	Part	MN
	NITROGEN CHARGE ADAPTER	101406
	NITROGEN CONNECTION ASM	206834
	NITROGEN CHARGE KIT GH60 SERIES	203496
	EMPTY NITROGEN BOTTLE ASM	206833
	HEX ANVIL KIT GH60 SERIES	203007
	GH60 ANVIL RETAINER ASM	202887
	HEX ANVIL HAMMER GH60 SERIES	202913
	O-RING HEX ANVIL RETAINER CAP	105794
	HEX ANVIL RETAINER CAP GH60 SERIES	202889
	HEX ANVIL RETAINER PIN GH60 SERIES	202888
	SEAL KIT GH60 SERIES	202094
	GH DIAPHRAGM W/ LARGE POPPET	105849
	VLV CHARGE ASM 8MB	200956

Components	Part	MN
	GH62 PERCUSSION HAMMER RECOND	213974
	GH64 POWER CELL RECONDITIONED (UPPER)	213980
	RG JAW PAD	201963
	FHSCS 3/8-16NC X .75	101149
	O-RING GH64 BETWEEN UPPER AND LOWER ASSEMBLIES (2)	105235
	GH60 THRUST PLATE O-RING	101726
	GH60 THRUST PLATE	200953
	BRG ROLLER TPR CUP 6.25 in. OD	107449
	HAMMER SPINDLE ASM	205281
	BRG ROLLER TPR CONE 4 in. BORE	107452
	BRG ROLLER TPR CONE 4.313 in. BORE	107450
	BRG ROLLER TPR CUP 6 in. OD	107451
	SEAL 4.876 in. OD x 4 in. BORE x 0.625 in. W	101456

GH70 Series Hammer

Components	Part	MN
	GH70 PERCUSSION HAMMER RECONDITIONED	220766
	NITROGEN CONNECTION ASM	206834
	NITROGEN CHARGE ADAPTER	101406
	N2 CHARGE VALVE ASM	207460
	NITROGEN CHARGE KIT GH60 SERIES	203496
	EMPTY NITROGEN BOTTLE ASM	206833

GH80 Series Hammer

Components	Part	MN
	GH80 PERCUSSION HAMMER RECOND	213986
	NITROGEN CONNECTION ASM	206834
	NITROGEN CHARGE ADAPTER	101406
	N2 CHARGE VALVE ASM	207460
	NITROGEN CHARGE KIT GH60 SERIES	203496
	EMPTY NITROGEN BOTTLE ASM	206833

54 Series Track Machines



Components	Part	MN
	RG JAW HAMMER V-BLOCK GH40 SERIES	200689
	FHSCS 3/8-16NC X .75	101149
	FOOT SLIDE KIT 5400 SERIES	203498
	HAMMER SLIDE KIT 5400 SERIES	203499
	FILTER OIL KUBOTA D1105/V1505	600064
	FILTER FUEL KUBOTA D1105/V1505	600063
	FILTER FUEL IN-LINE 5/16 KUBOTA	600021
	FILTER AIR KUBOTA D1105/V1505	600065
	FILTER ELEMENT	101503
	FILTER ELEMENT REPL 15CN (Req. O-Ring 105883 x2)	107476

Components	Part	MN
	GH41 REMANUFACTURED UPPER ASM	213957
	GH41 REMANUFACTURED GEARBOX ASM	213961
	SEAL KIT UPPER ASM GH40 HAMMER	213959
	SEAL KIT LOWER GH40 SERIES	213960
	SWITCH IGNITION KUBOTA WEATHERPROOF	600217
	EMERGENCY STOP SWITCH	101931
	CONTROL WIRE PADDLE CONTROL BOX 15 ft.	200155
	TETHERED PADDLE BOX ASM 6620/25/6712DT/54LT	207757
	FIELD SERVICE KIT	214239
	HYD O-RING ASSORTMENT KIT	214240

54 Series Truck Machines



Components	Part	MN
	RG JAW HAMMER V-BLOCK GH40 SERIES	200689
	FHSCS 3/8-16NC X .75	101149
	FOOT SLIDE KIT 5410	204075
	HAMMER SLIDE KIT 5410	204076
	FOOT SLIDE KIT 5400 SERIES	203498
	HAMMER SLIDE KIT 5400 SERIES	203499
	FILTER ELEMENT	101503
	FILTER ELEMENT REPL 15CN (Req. O-Ring 105883 x2)	107476
	FILTER ELEMENT 40CN CORELESS (Req. O-Ring 109224)	111334

Components	Part	MN
	GH40 REMANUFACTURED UPPER ASM	213952
	GH40 REMANUFACTURED GEARBOX ASM	213954
	GH42 REMANUFACTURED GEARBOX ASM	213966
	SEAL KIT UPPER ASM GH40 HAMMER	213959
	SEAL KIT LOWER GH40 SERIES	213960
	SWITCH IGNITION ANTI-RESTART 3-POS	100550
	EMERGENCY STOP SWITCH	101931
	FIELD SERVICE KIT	214239
	HYD O-RING ASSORTMENT KIT	214240

67 Series Track Machines



Components	Part	MN
	FILTER FUEL IN-LINE 5/16 KUBOTA	600021
	FILTER FUEL KUBOTA D1105/V1505	600063
	FILTER OIL KUBOTA D1105/V1505	600064
	AIR FILTER (KUBOTA V2003T, V2403T)	600014
	HAMMER SLIDE KIT	213608
	TRUNNION / PROBE SLIDE KIT - DOWEL PIN	213680
	RG JAW PAD	201963
	GH64 POWER CELL RECONDITIONED (UPPER)	213980
	SEAL KIT GH60 SERIES	202094
	FOOT SLIDE KIT - 7822V1 6712	221805
	FHSCS 3/8-16NC X .75	101149

Components	Part	MN
	CLEAN-OUT GASKET 6 X 12	205504
	SEALING WASHER 1/4 in. OVER-SIZED	105321
	FILTER ELEMENT (FILTER ASM# 28594)	103947
	TETHERED PADDLE BOX ASM 6620/25/6712DT/54LT	207757
	CONTROL WIRE PADDLE CONTROL BOX 15 ft.	200155
	EMERGENCY STOP OMRON 40MM 1NC	104461
	THROTTLE CABLE 6712	107022
	FIELD SERVICE KIT	214244
	SAFETY PULL SWITCH KIT W/ CABLE	213678
	HYD O-RING ASSORTMENT KIT	214240

66/77 Series Track Machines *(continued on next page)*



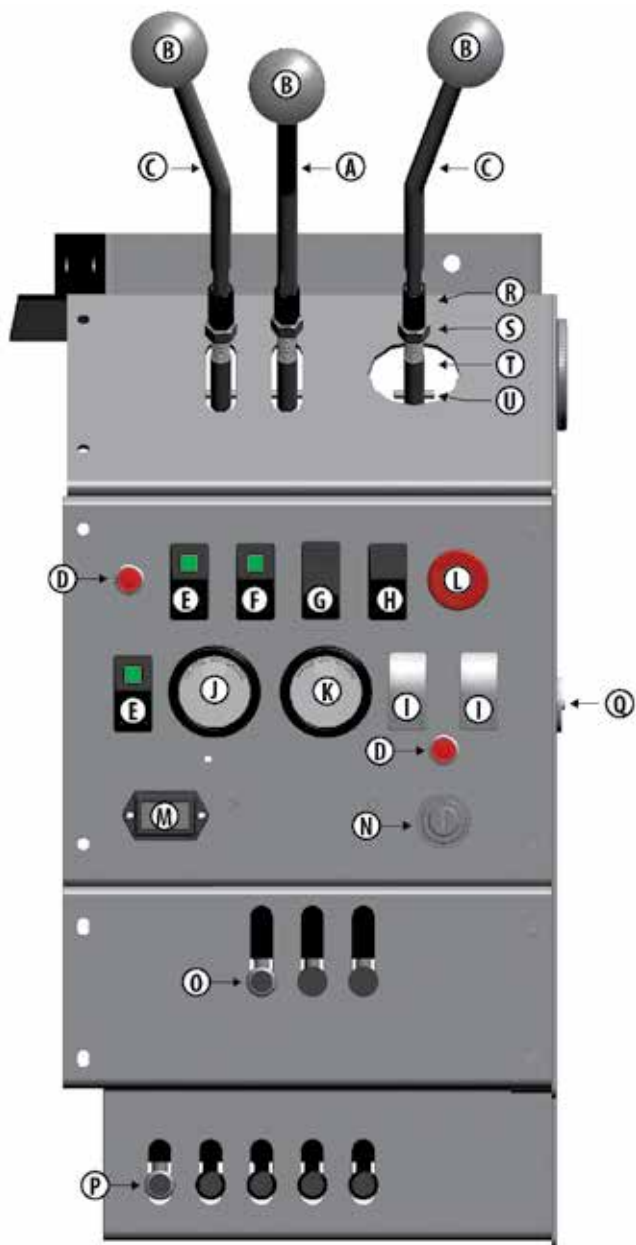
Components	Part	MN
	RG JAW PAD	201963
	TRUNNION / PROBE SLIDE KIT - DOWEL PIN	213680
	FOOT SLIDE KIT 6600 SERIES	203497
	SLIDE COMPOSITE 0.5 x 1.5 x 2.5	202345
	SLIDE NYL 2.5 x 3 x .5	204451
	SLIDE NYL 2 OD X 0.5 THK	201332
	SLIDE NYL 0.5 THK X 3.4 W X 22 LG	201330
	SLIDE COMPOSITE 0.25 x 1.06 x 28	202119
	SLIDE NYL 0.25 X .813 X 28	209586
	OIL FILTER (V2003T & V2403T ENGINES)	600015
	OIL FILTER ASM V3300 / V3800 KUBOTA	600379
	OIL FILTER ELEMENT PARKER 5 MICRON	103661
	FILTER FUEL (KUBOTA V2003T, V3300T & V2403T ENGINES)	600017

Components	Part	MN
	FILTER FUEL IN-LINE 5/16 KUBOTA	600021
	FILTER ELEMENT 12 MICRON	102139
	FILTER ELEMENT REPL 7 MICRON PALL	103673
	FILTER ELEMENT	101503
	FILTER ELEMENT (FILTER ASM# 28594)	103947
	AIR FILTER (KUBOTA V2003T, V2403T)	600014
	AIR CLEANER PRIMARY ELEMENT V3300	600385
	AIR CLEANER SECONDARY ELEMENT V3300	600390
	REPLACEMENT ELEMENT - FITS 36523 (O-ring 107377 or 112058 necessary)	107375
	FILTER ELEMENT PALL 12-MICRON	105048
	FIELD SERVICE KIT	214239
	GH62 PERCUSSION HAMMER RECOND	213974
	FIELD SERVICE KIT	214244



Components	Part	MN
	EXTEND SLIDE KIT COMPLETE	210672
	PADDLE MASTER BAT DISCONNECT DPDT	106568
	SEAL KIT GH60 SERIES	202094
	WIRE ROPE ASM 5/16 in. X 30 ft. W/SWVL HK	102740
	E-STOP SWITCH REPL CONTACT BAR	103131

Components	Part	MN
	EMERGENCY STOP SWITCH	101931
	HYD O-RING ASSORTMENT KIT	214240
	RELAY 12V 40A 5PIN N.O. NC W/ RSTR	107206
	SAFETY PULL SWITCH KIT W/ CABLE	213678



*Call the service team to learn which part is right for your rig (785-825-1842)
Diagram applicable to: 6610DT, 6620DT, 7720DT, 7730DT, & 6600 Truck

- A) Inside Handle**
MN: 202276 (PN: 13485)
- B) Knob**
MN: 102288 (PN: 13451)
- C) Outside Handle**
MN: 202275 (PN: 13484)
- D) Mini Light**
MN: 200426 (PN: 3643)
- E) Auxiliary***
MN: 101264 (PN: 6838)
MN: 103828 (PN: 27932)
- F) Regen***
MN: 101264 (PN: 6838)
MN: 103924 (PN: 28542)
MN: 100191 (PN: 2634), 3 Pos CPT
MN: 103923 (PN: 28541), 3 Pos CPT
- G) Throttle***
MN: 102182 (PN: 12503)
MN: 103721 (PN: 27212)
- H) 2-Speed***
MN: 101319 (PN: 7113)
MN: 103924 (PN: 28542)
- I) Outrigger***
MN: 101318 (PN: 7112)
MN: 103721 (PN: 27212)
- J) Oil Gauge**
MN: 100062 (PN: 1488)
- K) Collant Gauge**
MN: 100061 (PN: 1487)
- L.1) E-Stop**
MN: 101931 (PN: 9972)
- L.2) E-Stop Contacts**
MN: 103131 (PN: 21517)
- L.3) E-Stop Knob**
MN: 100973 (PN: 5721)
- M) Hour Meter**
MN: 100341 (PN: 3501)
- N.1) Ignition Switch**
MN: 600217 (PN: 17188)
- N.2) Keys**
MN: 600243 (PN: 18683)
- O) Valve Handle**
MN: 103384 (PN: 23914)
- P) Lower Valve Handle**
MN: 103572 (PN: 25671)
- Q) T2VDC Outlet Asm**
MN: 202208 (PN: 13106)
- R) Nut Coupler**
MN: 102311 (PN: 13585)
- S) Hex Nut**
MN: 101225 (PN: 6755)
- T) Lower Handle**
MN: 202013 (PN: 12238)
- U) Roll Pin**
MN: 100232 (PN: 3045)

Components Not Shown:

- Ball Switch**
MN: 103134 (PN: 21534)
- Switch Blank**
MN: 100199 (PN: 2730)
- Track Drive Switches**
MN: 103721 (PN: 27212)
- Safety Pull E-Stop Kit**
MN: 213678 (PN: 33091K)
- Regen Valve Asm**
MN: 200665 (PN: 5604), Big
MN: 100909 (PN: 5605), Small
- Inclinometer**
MN: 104387 (PN: 32366)

78 Series Track Machines

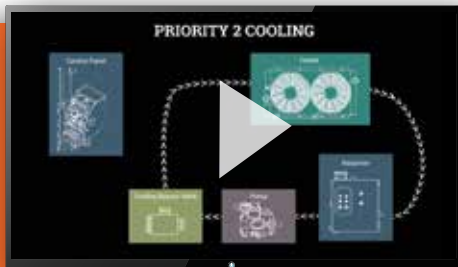


Components	Part	MN
	HAMMER SLIDE KIT 22 SERIES	213607
	SEALING WASHER 1/4 in. OVER-SIZED	105321
	CLEAN-OUT GASKET 6 X 12	205504
	REPLACEMENT ELEMENT - FITS 36523 (O-ring 107377 or 112058 necessary)	107375
	O-RING 160 BUNA 70	107377
	LID O-RING (FOR 221471 LOW PRESS FILTER)	112058
	FILTER ELEMENT (FILTER ASM# 28594)	103947
	O-RING (FILTER BOWL TO HEAD)	107246
	O-RING BACKUP (FILTER BOWL TO HEAD)	107247
	FILTER FUEL IN-LINE 5/16 KUBOTA	600021
	FUEL FILTER IN-LINE CANNISTER STYLE	112867
	FILTER FUEL (KUBOTA V2003T, V3300T & V2403T ENGINES)	600017
	FUEL/WATER SEPARATOR FLTR - V2403T4	112517
	FUEL FILTER KUBOTA TIER 4	112109
	SNSR/DRAIN - 2403T4 for 112517	114506
	OIL FILTER (V2003T & V2403T ENGINES)	600015
	AIR FILTER (KUBOTA V2003T, V2403T)	600014

Components	Part	MN
	GH64 POWER CELL RECONDITIONED (UPPER)	213980
	SEAL KIT GH60 SERIES	202094
	EMERGENCY STOP OMRON 40MM 1NC	104461
	CONTROL WIRE PADDLE CONTROL BOX 15 ft.	200155
	REPL JOYSTICK LEVER IQAN LST-D	109989
	TETHERED PADDLE BOX ASM 7822/80	208320
	JOYSTICK IQAN LST SNG AX HALL (MOD)	208067
	GREEN ENABLE BUTTON	213174
	GREEN ENABLE RUBBER BOOT	105930
	TRUNNION / PROBE SLIDE KIT - BOLT IN	208572
	TRUNNION / PROBE SLIDE KIT - DOWEL PIN	213680
	FOOT SLIDE KIT - 7822V1 UPDATE	221807
	FIELD SERVICE KIT	214244
	HYD O-RING ASSORTMENT KIT	214240
	SWITCH IGN 3POS IP67 COLE-HERSEE	104999
	SAFETY PULL SWITCH KIT W/ CABLE	213678

7822DT: Priority 2 Cooling

geoprobe.com/mm



Take a look at the cooling system on the Geoprobe® 7822DT.

7822DT: Rubber Tracks

geoprobe.com/mm



This video looks at how to remove and install rubber tracks on the Geoprobe® 7822DT.



Components	Part	MN
	HAMMER SLIDE KIT 22 SERIES	213607
	SEALING WASHER 1/4 in. OVER-SIZED	105321
	CLEAN-OUT GASKET 6 X 12	205504
	AIR FILTER (KUBOTA V2003T, V2403T)	600014
	FILTER FUEL (KUBOTA V2003T, V3300T & V2403T ENGINES)	600017
	FILTER FUEL IN-LINE 5/16 KUBOTA	600021
	FUEL FILTER IN-LINE CANNISTER STYLE	112867
	OIL FILTER (V2003T & V2403T ENGINES)	600015
	FILTER ELEMENT (FILTER ASM# 28594)	103947
	O-RING (FILTER BOWL TO HEAD)	107246
	OIL FILTER ELEMENT RETURN (Req. O-Ring 107913)	107416
	O-RING RETURN FILTER	107913

Components	Part	MN
	GH64 POWER CELL RECONDITIONED (UPPER)	213980
	FIELD SERVICE KIT	214244
	REPL JOYSTICK LEVER IQAN LST-D	109989
	JOYSTICK IQAN LST SNG AX HALL (MOD)	208067
	GREEN ENABLE BUTTON	213174
	GREEN ENABLE RUBBER BOOT	105930
	SEAL KIT GH60 SERIES	202094
	TRUNNION / PROBE SLIDE KIT - BOLT IN	208572
	EMERGENCY STOP OMRON 40MM 1NC	104461
	HYD O-RING ASSORTMENT KIT	214240
	SAFETY PULL SWITCH KIT W/ CABLE	213678

Multiple Service Options Available

Geoprobe®/DRILLMAX® service centers strive to provide the best equipment service support in the drilling industry. Understanding the difficult job you face servicing drill rigs when they are busy performing field work, the service centers – in Kansas, Florida, and Pennsylvania – offer several different options to meet your needs.

SERVICE: change fluids/filters, lubricate slides, grease pivot points, check track tension, charge hammer.

REPAIRS: anything beyond service. Slide changes, hoses changes, cylinder rebuilds, gauge replacement, hammer replacements, tracks replaced, pump rebuilds, gearbox rebuilds, etc.

SERVICE AND REPAIR: fluids and filters and a repair of any kind to the machine.

SERVICE, REPAIR, AND PAINT: complete fluids service, agreed upon repairs, and as much painting as can be done without tearing the unit all the way down.

GEOPROBE® FACTORY REFURBISH*: complete teardown, sandblast, paint, and building back up of a machine using all new slides, hoses and fittings, hydraulic pump, electrical components, new remote, rebuild hammer, hose carriers, rubber tracks, and more so the unit comes back looking and running like new. Essentially, it is like hitting the reset button on your machine's life.

**Only completed at Factory Service Center*

Tier 4 Engine Bleeding

geoprobe.com/mm



Fuel system care on the Kubota V2403 Engine Tier 4 / Stage V. Applies to some 7822DT, 6712DT, and 3126GT.

Purging Air from Hydraulic Pump

geoprobe.com/mm



Learn how to purge air from the hydraulic pump during service on a Geoprobe® 7822DT.

31 Series Track Machines



Components	Part	MN
	SEALING WASHER 1/4 in. OVER-SIZED	105321
	REPLACEMENT ELEMENT - FITS 36523 (O-ring 107377 or 112058 necessary)	107375
	CLEAN-OUT GASKET 6 X 12	205504
	O-RING 160 BUNA 70	107377
	LID O-RING (FOR 221471 LOW PRESS FILTER)	112058
	FILTER ELEMENT (FILTER ASM# 28594)	103947
	O-RING (FILTER BOWL TO HEAD)	107246
	O-RING BACKUP (FILTER BOWL TO HEAD)	107247
	FILTER ELEMENT 40CN--10 MICRON (238004)	117724
	FUEL/WATER SEPARATOR FLTR - V2403T4	112517
	FUEL FILTER KUBOTA TIER 4	112109
	SNSR/DRAIN - 2403T4 for 112517	114506
	OIL FILTER V2003/V2403 Kubota	600015
	AIR FILTER (KUBOTA V2003T, V2403T)	600014
	GH64 POWER CELL RECONDITIONED (UPPER)	213980

Components	Part	MN
	SEAL KIT GH60 SERIES	202094
	EMERGENCY STOP OMRON 40MM 1NC	104461
	CONTROL WIRE PADDLE CONTROL BOX 15 ft.	200155
	REPL JOYSTICK LEVER IQAN LST-D	109989
	TETHERED PADDLE BOX ASM 7822/80	208320
	JOYSTICK IQAN LST SNG AX HALL (MOD)	208067
	GREEN ENABLE BUTTON	213174
	GREEN ENABLE RUBBER BOOT	105930
	TRUNNION / PROBE SLIDE KIT - BOLT IN	208572
	HYD O-RING ASSORTMENT KIT	214240
	FIELD SERVICE KIT	214244
	SWITCH IGN 3POS IP67 COLE-HERSEE	104999
	SAFETY PULL SWITCH KIT W/ CABLE	213678

31 Series Truck Machine



Components	Part	MN
	REPLACEMENT ELEMENT - FITS 36523 (O-ring 107377 or 112058 necessary)	107375
	O-RING 160 BUNA 70	107377
	LID O-RING (FOR 221471 LOW PRESS FILTER)	112058

Components	Part	MN
	OIL FILTER ELEMENT RETURN (Req. O-Ring 107913)	107416
	O-RING RETURN FILTER	107913
	SAFETY PULL SWITCH KIT W/ CABLE	213678

7822DT & 3126GT: Cold Start

geoprobe.com/mm



In this video, our service team shows how to warm up your 7822DT or 3126GT in cold conditions.

7822DT: DPF Regeneration

geoprobe.com/mm



Learn about engine care on machines with Tier 4/ Stage V engines.



Components	Part	MN
	OIL FILTER ASM V3300 / V3800 KUBOTA	600379
	AIR CLEANER PRIMARY ELEMENT V3300	600385
	AIR CLEANER SECONDARY ELEMENT V3300	600390
	FILTER ELEMENT REPL 15CN (Req. O-Ring 105883 x2)	107476
	O-RING 142 BUNA 70	105883
	FILTER FUEL IN-LINE 5/16 KUBOTA	600021
	FILTER FUEL (KUBOTA V2003T, V3300T & V2403T ENGINES)	600017
	FUEL FILTER IN-LINE CANNISTER STYLE	112867
	OIL FILTER ELEMENT HIGH PRESSURE (Req. O-Ring 107365)	107361
	O-RING 246 BUNA 70	107365
	OIL FILTER ELEMENT RETURN (Req. O-Ring 107913)	107416
	O-RING RETURN FILTER	107913
	ELEMENT REXROTH 550PMFAN-250 6 MICRON (Req. O-Ring 114383)	112430
	O-RING N0552 2-241 98.02mmX3.53mm 90DUR	114383
	HAMMER SLIDE KIT	213608
	TRUNNION / PROBE SLIDE KIT - BOLT IN	208572
	GH70 PERCUSSION HAMMER RECONDITIONED	220766
	TOP SPLINE SWIVEL REPLACEMENT PKG SET	226263
	TOP SPLINE SWIVEL INDEXING PIN	222806

Components	Part	MN
	RG JAW PAD	201963
	FHSCS 3/8-16NCX .75	101149
	ROD GRIP V-WEDGE JAW PAD-CROSS HATCH	105317
	JOYSTICK IQAN LSL SNG AX HALL (MOD)	207795
	JOYSTICK IQAN LST SNG AX HALL (MOD)	208067
	REPL JOYSTICK LEVER IQAN LST-D	109989
	GREEN ENABLE RUBBER BOOT	105930
	SWITCH IGN 3POS IP67 COLE-HERSEE	104999
	EMERGENCY STOP OMRON 40MM 1NC	104461
	CONTROL WIRE PADDLE CONTROL BOX 15 ft.	200155
	TETHERED PADDLE BOX ASM 7822/80	208320
	CLEAN-OUT GASKET 6 X 12	205504
	SEALING WASHER 1/4 in. OVER-SIZED	105321
	FIELD SERVICE KIT	214244
	HYD O-RING ASSORTMENT KIT	214240
	TRACK MOTION ALARM KIT 3230 RETROFIT	400108
	SAFETY PULL SWITCH KIT W/ CABLE	213678
	SWITCH ASM MOM PUSH BUTTON GRN MOD	215765

3230DT: Track Drive Tuning

geoprobe.com/mm



This video looks at how to adjust the track speed on the 3230DT.

3230DT: Fuel Priming

geoprobe.com/mm



This step-by-step video shows fuel priming on a 3230DT.

40 Series Track Machines (Direct Push & Sonic)



Components	Part	MN
	SWIVEL PACKING REPLACEMENT KIT GV4	212696
	JOYSTICK IQAN LSL SNG AX HALL (MOD)	207795
	JOYSTICK SINGL W/SW MOD TECHNORD	208553
	JOYSTICK IQAN LST SNG AX HALL (MOD)	208067
	GREEN ENABLE BUTTON	213174
	GREEN ENABLE RUBBER BOOT	105930
	SONIC JAW PAD	210065
	ROD GRIP V-WEDGE JAW PAD-CROSS HATCH	105317
	PAD JAW V-WEDGE 1.2 PYRAMID	211899
	SLIDE SPACER UNIT - 8040 PLATFORM	205659
	EXTEND SLIDE - 8040 PLATFORM	205629
	HAMMER SLIDE KIT	213608
	TRUNNION / PROBE SLIDE KIT - BOLT IN	208572
	FILTER ELEMENT REPL 15CN (Req. O-Ring 105883 x2)	107476
	O-RING 142 BUNA 70	105883
	OIL FILTER ELEMENT HIGH PRESSURE (Req. O-Ring 107365)	107361
	O-RING 246 BUNA 70	107365
	OIL FILTER ELEMENT HIGH PRESSURE	107255
	OIL FILTER ELEMENT RETURN	107348
	OIL FILTER ELEMENT RETURN (Req. O-Ring 107913)	107416
	O-RING RETURN FILTER	107913

Components	Part	MN
	ENGINE OIL FILTER (C4.4)	107335
	FUEL FILTER (C4.4 / C6.6)	107334
	FUEL/WATER SEPARATOR (C4.4/C6.6) UPDATED	107323
	SEPARATOR BOWL (C4.4)	107324
	AIR CLEANER PRIMARY ELEMENT (C4.4)	107317
	AIR CLEANER SECONDARY ELEMENT (C4.4)	107328
	FIELD SERVICE KIT	214244
	GH80 PERCUSSION HAMMER RECOND	213986
	HYD O-RING ASSORTMENT KIT	214240
	OIL SAMPLE TEST KIT	600730
	SAMPLE BOTTLE 40Z CLEAR PVC	115047
	TETHERED PADDLE BOX ASM 7822/80	208320
	CONTROL WIRE PADDLE CONTROL BOX 15 ft.	200155
	CLEAN-OUT GASKET 6 X 12	205504
	SEALING WASHER 1/4 in. OVER-SIZED	105321
	GEOPROBE SONIC HEAD REBUILT ASM GV4	214018
	RUBBER ELEMENT FLEXIBLE COUPLER	105429
	EMERGENCY STOP OMRON 40MM 1NC	104461
	SAFETY PULL SWITCH KIT W/ CABLE	213678
	SWITCH IGN 3POS IP67 COLE-HERSEE	104999

Battery Maintenance

geoprobe.com/mm



Learn how to do proper maintenance on one of the most neglected items on Geoprobe® rigs.

50 Series Sonic Track Machine



Components	Part	MN
	SONIC JAW PAD	210065
	TETHERED PADDLE BOX ASM 7822/80	208320
	CONTROL WIRE PADDLE CONTROL BOX 15 ft.	200155
	SEALING WASHER 1/4 in. OVER-SIZED	105321
	CLEAN-OUT GASKET 6 X 12	205504
	FILTER ELEMENT REPL 15CN (Req. O-Ring 105883 x2)	107476
	O-RING 142 BUNA 70	105883
	FILTER ELEMENT 15CN CORELESS 2 MICRON	111779
	FILTER ELEMENT 40CN CORELESS (Req. O-Ring 109224)	111334
	FILTER BOWL O-RING SEAL PARKER 40CN	109224
	C7.1 MAIN AIR CLEANER ELEMENT	112746
	C7.1 SAFETY AIR CLEANER ELEMENT	112745
	C7.1 FUEL WATER SEPERATOR 439 5037	112744
	C7.1 FUEL FILTER 479 4131	112743
	HYDROSTAT FILTER	111200
	FUEL FILTER C7.1 T3 FLEX 360 8958	113741
	CAT INLINE FUEL FILTER	116973

Components	Part	MN
	FUEL/WATER SEPARATOR (C4.4/C6.6) UPDATED	107323
	FUEL FILTER (C4.4 / C6.6)	107334
	ENGINE OIL FILTER C6.6 & C7.1 462 1171	110822
	AIR FILTER SAFETY ELEM. C6.6 CATERPILLAR	110824
	OIL FILTER ELEMENT RETURN (Req. O-Ring 107913)	107416
	O-RING RETURN FILTER	107913
	FIELD SERVICE KIT	214244
	HYD O-RING ASSORTMENT KIT	214240
	OIL SAMPLE TEST KIT	600730
	SAMPLE BOTTLE 4OZ CLEAR PVC	115047
	SWITCH IGN 3POS IP67 COLE-HERSEE	104999
	SWITCH ASM MOM PUSH BUTTON GRN MOD	215765
	JOYSTICK IQAN LSL SNG AX HALL (MOD)	207795
	JOYSTICK IQAN LST SNG AX HALL (MOD)	208067
	JOYSTICK SNGL W/SW MOD TECHNORD	208553
	REPL JOYSTICK LEVER IQAN LST-D	109989

DM250 785-825-1842

Components	Part	MN
	OIL FILTER ELEMENT RETURN (Req. O-Ring 107913)	107416
	O-RING RETURN FILTER	107913
	FILTER ELEMENT 40CN CORELESS (Req. O-Ring 109224)	111334
	FILTER BOWL O-RING SEAL PARKER 40CN	109224
	SWIVEL PACKING (BLK)	113488
	SWIVEL PACKING (RED)	116520
	CLEAN-OUT GASKET 6 X 12	205504
	SEALING WASHER 1/4 in. OVER-SIZED	105321

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Components	Part	MN
	OIL FILTER ELEMENT RETURN (Req. O-Ring 107913)	107416
	HYDROSTAT FILTER	111200
	FILTER ELEMENT 5 MICRON FOR 114880	114878
	CLEAN-OUT GASKET 6 X 12	205504
	SEALING WASHER 1/4 in. OVER-SIZED	105321
	SWIVEL PACKING (RED)	115681
	SWIVEL PACKING (BLK)	114610

Customer Portal: Facts at Your Fingertips



Our NEW customer portal, Centerpoint Connected, places information at your fingertips with access to your machine and order records. Using the secure portal not only saves you time, but you'll also have the ability to add your own service notes and update contact information. Simplify your day-in, day-out tasks with this tool, providing you details to curb operation costs.

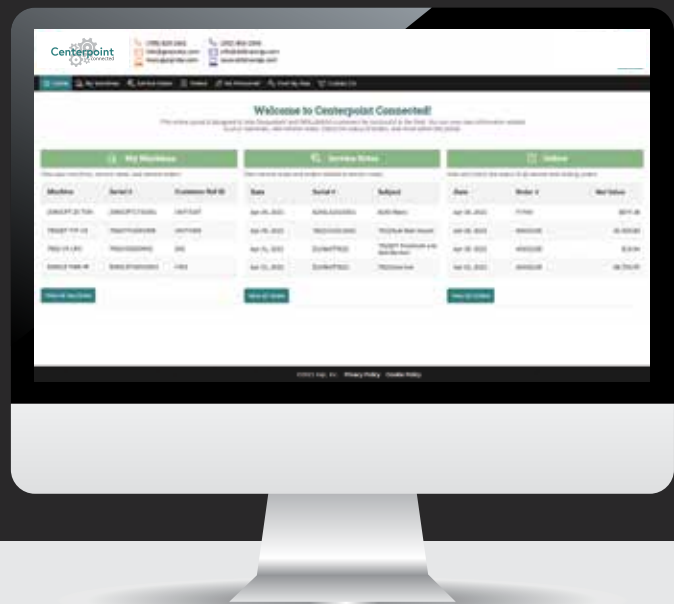


Signing up for portal access puts you on the leading edge of this new tool so you're able to take advantage of additional features added in the future. Simply complete the online form to receive your temporary password and account access. You'll then be able to create your own password.

Just one more way we're working to provide top service to our customers.

Why sign up for Centerpoint Connected?

- Quickly and easily find information and facts related to your:
 - Machine Records
 - Service Notes
 - Tooling / Service Orders
- Store your own machine service records
- Be the first to know when new features are added



FREE for customers!





Visit our websites to view our extensive **Geoprobe® / DRILLMAX® video libraries**. Videos include machines, tooling, maintenance, training, and much more. Check back often as we are always adding **NEW VIDEOS**.

geoprobe.com/videos
drillmaxrigs.com/videos

Resources

The Source Book resources section can now be found at
geoprobe.com/resources



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Facts at Your Fingertips

Quickly and easily find information and facts related to machine records, service notes, and tooling / service orders.

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