

# FASTBACK SYSTEM

## FASTREAM TRANSMITTER HOUSINGS

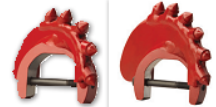


- FastBack allows you to do backreams in tight spaces
- Pull back product without taking off the drill head
- Start pulling product within minutes of completing the pilot bore
- Fast and easy underground production that puts you ahead of the curve

### SIDE-LOAD, BOLT-ON FASTREAM STYLE



### SIDE-LOAD, THREAD-ON FASTREAM STYLE



Capacity	Diameter	Rear Thread	Bolt Pattern	Housing Part #	FastReam Blades Part #				Replacement Bolt
					6" Cut	8" Cut	10" Cut	12" Cut	
<b>FastReam Bolt-On Housing Using Digitrak for Vermeer® Drills</b>									
6,000 to 10,000 lb.	2.5"	2" IF Box	6-bolt, 1/2"	3625-HT3-13-FR	FR-250-TE-47-60	FR-250-TE-47-80	FR-250-TE-57-10		SHCS7/16 X 3.25
10,000 to 20,000 lb.	2.75"	2" IF Box	6-bolt, 1/2"	3627-HT3-13-FR	FR-275-TE-47-60	FR-275-TE-47-80	FR-275-TE-57-10	FR-275-TE-80-12	SHCS7/16 X 3.5
20,000 to 40,000 lb.	3.25"	2.375" Reg Box	6-bolt, 1/2"	3632-HT3-13-FR	FR-325-EX-35-60	FR-325-TE-57-80	FR-325-TE-57-10	FR-325-TE-80-12	SHCS7/16 X 4.0
<b>FastReam Bolt-On Housing Using Subsite Beacons for Ditch Witch® Drills</b>									
6,000 to 20,000 lb.	2.75"	2" IF Box	5-bolt, 12mm	3927-HD3-14-FR	FR-275-TE-47-60	FR-275-TE-47-80	FR-275-TE-57-10	FR-275-TE-80-12	SHCS7/16 X 3.5
20,000 to 30,000 lb.	3.5"	2.375" Reg Box	6-bolt, 16mm	3932-HD3-15-FR	FR-325-EX-35-60	FR-325-TE-57-80	FR-325-TE-57-10	FR-325-TE-80-12	SHCS7/16 X 4.0
20,000 to 40,000 lb.	3.5"	2.375" Reg Box	6-bolt, 16mm	3935-HD3-15-FR	FR-350-EX-35-60	FR-350-TE-57-80	FR-350-TE-57-10	FR-350-TE-80-12	SHCS7/16 X 4.25
Capacity	Diameter	Thread	Bit Thread	Housing Part #	FastReam Blades Part #				Replacement Bolt
<b>FastReam Thread-On Housing Using Digitrak for Vermeer® Drills</b>									
6,000 to 10,000 lb.	2.5"	2" IF Box	2" IF Box	3625-HT3-FR	FR-250-TE-47-60	FR-250-TE-47-80	FR-250-TE-57-10		SHCS7/16 X 3
10,000 to 20,000 lb.	2.75"	2" IF Box	2" IF Box	3627-HT3-FR	FR-275-TE-47-60	FR-275-TE-47-80	FR-275-TE-57-10	FR-275-TE-80-12	SHCS7/16 X 3.5
20,000 to 40,000 lb.	3.25"	2.375" Reg Box	2.375" Reg Box	3632-HT3-FR	FR-325-EX-35-60	FR-325-TE-57-80	FR-325-TE-57-10	FR-325-TE-80-12	SHCS7/16 X 4.0
<b>FastReam Thread-On Housing Using Subsite Beacons for Ditch Witch® Drills</b>									
6,000 to 20,000 lb.	2.75"		2" IF Box	3927-HD3-FR	FR-275-TE-47-60	FR-275-TE-47-80	FR-275-TE-57-10	FR-275-TE-80-12	SHCS7/16 X 3.5
20,000 to 30,000 lb.	3.25"		2.375" Reg Box	3932-HD3-FR	FR-325-EX-35-60	FR-325-TE-57-80	FR-325-TE-57-10	FR-325-TE-80-12	SHCS7/16 X 4.0
20,000 to 40,000 lb.	3.5"		2.375" Reg Box	3935-HD3-FR	FR-350-EX-35-60	FR-350-TE-57-80	FR-350-TE-57-10	FR-350-TE-80-12	SHCS7/16 X 4.25

### FASTREAM ADAPTERS FEATURING MUDBOOST PORT



- Extends the life of your transmitter housings and backreamers
- Allows different threads to be used on a single housing or backreamer

- Removable sealed plug maintains high pressure jet at the cutting end during the pilot bore
- Removing the plug and installing the Mud Boost port for the pullback reduces pressure and increases mud flow rate
- Mud Boost ports can be added to almost any adapter

### EAGLE EYE

Blade pullback device



- Eagle Eye and Iron Eye turns your Eagle Claw and Iron Fist bits into a great pullback device
- Carbide hardfacing and carbide cutters make these tools tough and long lasting

Part numbers and information found on page 5

### IRON EYE

Blade pullback device



### QUICK SWIVEL



- Do direct pullbacks without removing the drill head
- Quickly bolts on to most Borzall blades
- Swivel stays in line with the rotation of the drill head
- Made from the same quality components as the 5-ton Valu-DUB swivel

Quick Swivel				
Pullback Capacity	Part #	Replacement Bolt	Replacement Nut	Replacement Washer
5 ton	00503-205-QS	HHCS-3/4-2.75-8	3/4-10-NUT	3/4 WASHER

### QUICK LINK



- Easily bolts onto any Borzall blade for direct pullbacks
- The swivel bolts directly to the Quick Link, holding it in-line with the rotation of the drill head
- More secure and faster than using multiple shackles

Quick Link				
Swivel Being Used	Part #	Replacement Bolt	Replacement Nut	Replacement Washer
00503-205, 5-ton Valu-DUB Swivel	QL-305	HHCS-3/4-2.75-8	3/4-10-NUT	3/4 WASHER
00503-210, 10-ton Valu-DUB Swivel	QL-310	HHCS-3/4-2.75-8	3/4-10-NUT	3/4 WASHER