



16' Blades

3/4" Bolt Holes

160H, 160M, 14H, 14M, 16H, 16M

Machine
Models

Moldboard Cutting Edges															
Profile	Type	Width Tooth X Gap (mm)	Length	Qty	Hardware	Thickness				End Bits	Hardware	Overlay	Hardware		
						19mm	25mm	35mm	45mm						
Cuverd	Standard	8"	8'	2	17	7D-1949	4T-2236			16mm 8E-5529 ³ 19mm 8E-5530 ⁴ 	5	6Y-2805	4		
	A.R.M.						375-9887 489-6705								
	High Carbon				17	7T-1627									
	Serrated	8" - 50X26 8" - 36X25 8" - 62X40				350-7202 217-4821 217-4834			N/A			N/A			
Flat	Standard	8"	8'	2	17	4T-3037	7T-3495							N/A	N/A
		10"				4T-6511	4T-8317	104-3628							
		11"				140-6832 ⁷	132-1086								
		12"					4Z-9188								
		13"						128-2577							
	A.R.M.	10"				195-7177 489-6706									
	Serrated	10" - 57X33 10" - 62X41 10" - 58X51 10" - 60X61 10" - 78X59 10" - 102X77 10" - 130X57	8'	2	17		4Z-8056	100-4581	104-3631						
							253-0198 350-0182 350-0183 350-0184								
									357-3123						
Carbide Edges															
Curved	Tungsten Carbide	4.75"	2'	8	5	208-8863				16mm 8E-5529 ³ 19mm 8E-5530 ⁴	5	135-9369	4		
		6.75"	4'	4	9	208-8866						135-9370	4		
	Tung. Carbide Serrated	6.75" - 62X40	2'	8	5		208-8865					N/A	N/A		
Flat	Carbide Insert	6"	4'	4	6	286-3148						N/A	N/A		
Specialty															
Type		Width	Length	Qty	Hardware	Adapter Board	Bits per Board	Shank Size	Bits	Notes					
Rotating Bit		5.9"	4'	4	9	307-2615	28	7/8"	348-9051						
		7.2"	4'	4	9	321-4272	28	1"	322-7295						
Type	Bit Spacing	Width	Length	Qty	Hardware	Adapter Board	Bits per Board	Bits			Notes				
Mining Bit	Narrow Gap	7.75"	2'	8	4	428-6758	9			308-5193	355-1496				
	Wide Gap					428-6757	7								
Grader Bit	Narrow Gap	7.75"	2'	8	4	428-6747	10	105-5183	105-5180	6Y-4339	6Y-4340				
	Wide Gap					428-6746	8								
Auxiliary Blade Cutting Edges															
Profile	Type	Width	Length	Qty	Hardware	Thickness				Notes					
Front Mount Blades	9 ft. Blade	8"	26" 56"	2 1	4 9			4T-3010 169-4089		uses 3/4" bolts 					
	8 ft. Blade	8"	18.2" 61.3"	2 1	3 10			4T-8353 4T-2315							
	97" Foldable	8"	18.2"	2	3			4T-8353							
			78.8"	1	13			4T-8378							
2' Extension ¹	Curved	8"	24"	1	4		3G-2166	3G-2165		LH: 281-9459 RH: 455-444					
Rippers / Scarifiers															
Adapter Size	Shanks		Protectors		Tips			Pin	Retainer	Misc					
	Type	Part Number	Standard	Sharp	Type	Std	A.R.M.								
Rear Mount R300 ³	Straight	9J-6586	-	-	-	Penetration	6Y-0309	168-1309	136-8308	114-0359	Repair Nose 8E-7300				
	Curved	9J-8913	-	-	-	Sharp	9W-7309								
Rear Mount R350 ⁴	Straight	484-8282	138-0796	-	Pin-On	Penetration	6Y-0359	159-0356	114-0358	114-0359	Repair Nose 8E-7350				
				-		Centerline	6Y-0352	159-0355							
				-	CapSure	Penetration	472-0825	-	473-3816	-					
				-		Centerline	472-0824	-							
Scarifier V-Block ⁵	Standard	195-7218	Don't see what you need? Ask about our MAO program.			General Purpose	195-7234		5K-1459	5K-1458	Tip Removal Tool 6B-3260				
	Long	7D-4501				High Temp	6Y-5230	143-3074							
Scarifier Straight Block ⁶	Standard	195-7219				General Purpose	195-7234								
	Long					High Temp	6Y-5230	143-3074							
Hardware and Wear Protection															
Type	Application	Hardware			Quantity	Bolts	Nuts	Washers	Notes						
Hardware	Standard Edges ³	160H/M, 14H/M	3/4-10 x 2-1/2		34	5J-4773	2J-3506	5P-8248	Inspect moldboard for excess wear Ensure moldboard and new edges are free from paint and debris. Torque 3/4" Nuts to 350 +/- 45 ft. lb.						
	Specialty ³		3/4-10 x 2-3/4		34	5J-4771									
	End Bits ³		3/4-10 x 2-1/2		10	5J-4773									
	Standard Edges & Specialty ⁴	16H/M	3/4-10 x 3-1/8		20	1J-6762									
			3/4-10 x 3-3/4		14	5F-8933									
	End Bits ⁴		3/4-10 x 3-1/8		4	1J-6762									
			3/4-10 x 3-3/4		6	5F-8933									
	Overlays		3/4-10 x 3-3/4		8	5F-8933									
	Front Blade	160H/M, 14H/M	3/4-10 x 2-1/4		see above	4F-7827									
Extension		3/4-10 x 2-1/4		4	5J-4773										
Wear Protection	Moldboard Plate	16.25" Radius	385-6748		2										

¹ Used on 160H, 160M

³ Used on 160H, 160M, 14H, 14M

⁴ Used on 16H, 16M

⁵ Front Notched

⁶ Rear Notched

⁷ Single Bevel



18' Blades

3/4" Bolt Holes

18M

Machine
Models

Moldboard Cutting Edges

Profile	Type	Width Tooth X Gap (mm)	Length	Qty	Hardware	Thickness				End Bits	Hardware	Overlay	Hardware
						19mm	25mm	35mm	45mm				
Curved	Standard	8"	6'	3	13		4T-2231				5	6Y-2805	4
	Serrated	8" - 62X40	6'	3	13		521-2870						
Flat	Standard	8"	6'	3	13		7T-3493					N/A	N/A
		10"					4T-6502	440-5352	521-2871				
		13"						521-2872	521-2873				
	Serrated	10" - 62X40	6'	3	13			521-2874	521-2875				

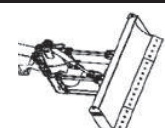
Carbide Edges

Curved	Tungsten Carbide	4.75"	2'	6	5	208-8863					5	135-9369	4
			3'	4	7	217-4698						135-9370	4
		6.75"	2'	6	5	195-7266						N/A	N/A
			3'	4	7	195-7267						N/A	N/A
	Tung. Carbide Serrated	6.75" - 62X40	2'	6	5		208-8865					N/A	N/A
		6.75" - 62X40	3'	4	7		217-4697					N/A	N/A
Flat	Tung. Carbide	6"	3'	4	5	330-9491							

Specialty

Type		Width	Length	Qty	Hardware	Adapter Board	Bits per Board	Shank Size	Bits	Notes		
Rotating Bit		5.9"	3'	6	7	307-2613	21	7/8"	348-9051			
		7.2"	3'	6	7	323-1251	21	1"	322-7295			
Type	Bit Spacing	Width	Length	Qty	Hardware	Adapter Board	Bits per Board	Bits				
								15.5mm	23mm	30mm	63.5mm	
Mining Bit	Narrow Gap	7.75"	2'	9	4	428-6758	9			308-5193	355-1496	
	Wide Gap		3'	6	6	135-9592	13					
			2'	9	4	428-6757	7					
			3'	6	6	135-9591	10					
Grader Bit	Narrow Gap	7.75"	2'	9	4	428-6747	10	105-5183	105-5180	6Y-4339	6Y-4340	
	Wide Gap		3'	6	6	159-0318	15					
			2'	9	4	428-6746	8					
			3'	6	6	159-0313	12					

Auxiliary Blade Cutting Edges

Profile	Type	Width	Length	Qty	Hardware	Thickness				Notes			
						13mm	16mm	19mm	25mm				
Front Mount Blades	9 ft Blade	8"	26"	2	4			4T-3010		uses 3/4" bolts			
			56"	1	9			169-4089					
	8 ft Blade	8"	18.2"	2	3			4T-8353					
			61.3"	1	10			4T-2315					
	9'7" Foldable	8"	18.2"	2	3			4T-8353					
			78.8"	1	13			4T-8378					

Rippers / Scarifiers

Adapter Size	Shanks		Protectors		Tips			Pin	Retainer	Misc	
	Type	Part Number	Standard	Sharp	Type	Std	A.R.M.				
Rear Mount R350	Straight	484-8282	138-0796	-	Pin-On	Penetration	6Y-0359	159-0356	114-0358	114-0359	Repair Nose 8E-7350
				-		Centerline	6Y-0352	159-0355			
				-	CapSure	Penetration	472-0825	-	473-3816	-	
				-		Centerline	472-0824	-		-	

Hardware and Wear Protection

Type	Application	Hardware		Quantity	Bolts	Nuts	Washers	Notes
Hardware	Standard Edges ¹	Bolts	3/4-10 x 3-1/8	21	1J-6762	2J-3506	5P-8248	Inspect moldboard for excess wear Ensure moldboard and new edges are free from paint and debris. Torque 3/4" Nuts to 350 +/- 45 ft. lb.
			3/4-10 x 3-3/4	18	5F-8933			
	Specialty		3/4-10 x 3-3/4	36	5F-8933			
	End Bits ²		3/4-10 x 3-1/8	4	1J-6762			
			3/4-10 x 3-3/4	6	5F-8933			
	Overlays		3/4-10 x 3-3/4	8	5F-8933			
Wear Protection	Moldboard Plate	16.7" Radius	136-2541	1				

¹ The middle 21 bolt holes use bolt 1J-6762 the outside 9 on each side of the moldboard use bolts 5F-8933

² The top two bolt holes of each end bit use bolt 1J-6762 the bottom three bolt hole of each end bit use bolt 5F8933

³ Multiple tooth spacing options available



24' Blades

1" Bolt Holes

24H, 24M

Machine
Models

Moldboard Cutting Edges

Profile	Type	Width Tooth X Gap (mm)	Length	Qty	Hardware	Thickness				End Bits	Hardware	Overlay	Hardware
						28mm	45mm	60mm	75mm				
Flat	Standard	13"	4'	6	9	109-3117	109-3116	132-1019			6	N/A	N/A
		16"				135-9690	138-6440	135-9349	135-9576				
	Std. A.R.M.	16"	8'	3	17			484-2302					
		16"	4'	6	9		438-1337	286-2022					
	Serrated	13" - 61X40	4'	6	9		138-6542	132-4753					
		16" - 61X41						135-9796	135-9797				
		16" - 83X51						356-0889					
		16" - 101.6X51						365-5079					
		16" - 127X47							138-0675				
		16" - 140X64						376-2335					
		16" - 95X57	8'	3	18				424-7737				
	Ser. A.R.M.	16" - 101.6X51	4'	6	9			365-5083					

Specialty

Type	Bit Spacing	Width	Length	Qty	Hardware	Adapter Board	Bits per Board	Bits		Notes
								40mm		
Mining Bit	Wide Gap	7.75"	3'	8	7	178-4095	10	357-9643		

Rippers / Scarifiers

Adapter Size	Shanks		Protectors	Tips			Pin	Retainer	Misc.	
	Type	Part Number	Standard	Type	Std	A.R.M.				
Rear Mount R350	Straight	484-8282	138-0796	Pin-On	Penetration	6Y-0359	159-0356	114-0358	114-0359	Repair Nose 8E-7350
					Centerline	6Y-0352	159-0355			
				CapSure	Penetration	472-0825	-	473-3816	-	
					Centerline	472-0824	-		-	

Hardware and Wear Protection

Type	Application	Hardware	Quantity	Bolts	Nuts	Washers	Notes
Hardware	Edges	Bolts	1-8 x 4-1/2 1-8 x 3-1/4	10 44	1J-3527 4J-9058	2J-3507 5P-8250	Torque 1" nuts to 850 +/- 110 ft. lb.
	End Bits	Bolts	1-8 x 4-1/2	12	1J-3527		
	Specialty	Bolts	1-8 x 4-1/2	54	1J-3527		
Wear Protection	Moldboard Plate	21.65" Radius	139-2404	1			

CAT® GROUND ENGAGING TOOL PLOW BOLT/NUT TORQUE SPECIFICATIONS

PLOW BOLT DIAMETER	NUT PART NUMBER	TORQUE REQUIREMENT
16 mm / 5/8" (.63")	4K0367	200 ± 30 ft. lbs. 270 ± 40 Nm
19 mm / 3/4" (.75")	2J3506	350 ± 45 ft. lbs. 475 ± 60 Nm
22 mm / 7/8" (.88")	2J3505	550 ± 65 ft. lbs. 750 ± 90 Nm
25 mm / 1" (1.00")	2J3507	850 ± 110 ft. lbs. 1150 ± 150 Nm
32 mm / 1-1/4" (1.25")	3K9770	1700 ± 220 ft. lbs. 2300 ± 300 Nm

DO NOT APPLY LUBRICANT OF ANY TYPE TO G.E.T. HARDWARE!

1. Clean all surfaces of rust, paint, nicks, and burrs.
2. Tighten nut to listed torque spec.
3. Carefully strike plow bolt head with a hammer.
4. Retighten nut to listed torque spec.

SAFETY GLASSES MUST BE WORN WHEN STRIKING BOLT HEADS