



# Buckets

for Hydraulic Excavators

## Technical Specifications

Not all attachments available in all regions. Consult your Cat® dealer for specific configurations available in your region.

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# Buckets for Hydraulic Excavators Technical Specifications

## Model-Linkage Cross Reference Chart

Caterpillar classifies excavator buckets according to the “linkage family” at the end of the stick. Refer to the following charts to identify which linkage family each Cat excavator uses when determining bucket compatibility.

Not all machines are available in all regions. Consult your Cat dealer for specific machines and configurations available in your region.

Linkage Family	312, A	M312/ M315	315/316	M318/ M320	B	CB	DB	TB	UB	VB2	WB2	HB2	JC
Stick Pin Dia. (mm)	65	70	70	80	80	90	100	110	120	120	130	130	140
Link Pin Dia. (mm)	65	70	70	80	80	90	90	100	110	110	120	120	130
Face Spread (mm)	221	281	281	311	311	351	385	441	501	501	551	551	651
Pin Spread (mm)	407	430	463	445/485*	445/485*	485/512*	500/528*	587	635	635	675	650	700

### Small Excavators

311D/F	1PB												
312D/E	1PB/VAB												
312D2/D2 GC	1PB												
313D2/D2 GC													
312F GC/313F GC													
312F/313F	1PB/VAB												
312 GC	1PB												
313 GC	1PB												
313	1PB/VAB												
314D/E/F	1PB/VAB/POB												
315F													
315 GC	1PB												
315	1PB/VAB/POB												
315D/316E/F			1PB/VAB										
316 GC	1PB												
317 GC			1PB										
317			1PB/VAB										
318E/F			Reach										
318D2			1PB										
319D					Reach/ VAB								

\*Wider dimension accommodates Power Buckets

1PB – One Piece Boom

POB – Power (parallel) Offset Boom

Reach – Reach Boom

VAB – Variable Angle Boom

(continued on next page)

# Buckets for Hydraulic Excavators Technical Specifications

## Model-Linkage Cross Reference Chart *(continued)*

Caterpillar classifies excavator buckets according to the “linkage family” at the end of the stick. Refer to the following charts to identify which linkage family each Cat excavator uses when determining bucket compatibility.

Not all machines are available in all regions. Consult your Cat dealer for specific machines and configurations available in your region.

Linkage Family	312, A	M312/ M315	315/316	M318/ M320	B	CB	DB	TB	UB	VB2	WB2	HB2	JC
Stick Pin Dia. (mm)	65	70	70	80	80	90	100	110	120	120	130	130	140
Link Pin Dia. (mm)	65	70	70	80	80	90	90	100	110	110	120	120	130
Face Spread (mm)	221	281	281	311	311	351	385	441	501	501	551	551	651
Pin Spread (mm)	407	430	463	445/485*	445/485*	485/512*	500/528*	587	635	635	675	650	700

### Medium Excavators

320D/E/F	SLR				Reach/ VAB								
320D2/D3					Reach								
320 GC													
320	SLR				Reach/ VAB								
321D													
323D	SLR					MASS							
323D3					Reach								
323E/F													
323 GC													
323	SLR				Reach/ VAB								
325F													
325													
324D/E						Reach/ VAB							
325D	SLR					Reach	MASS						
326D2/F						Reach/ VAB							
326 GC						Reach							
326	SLR					Reach/ VAB							
328D													
329D/E/F	SLR					Reach	MASS						
330D					LRE		Reach	MASS					
330D2/F	SLR												
330 GC							MASS						
330	SLR					Reach							
335F													
335													

\*Wider dimension accommodates Power Buckets

LRE – Long Reach Excavation

MASS – Mass Boom

Reach – Reach Boom

SLR – Super Long Reach Boom

VAB – Variable Angle Boom

*(continued on next page)*

# Buckets for Hydraulic Excavators Technical Specifications

## Model-Linkage Cross Reference Chart *(continued)*

Caterpillar classifies excavator buckets according to the “linkage family” at the end of the stick. Refer to the following charts to identify which linkage family each Cat excavator uses when determining bucket compatibility.

Not all machines are available in all regions. Consult your Cat dealer for specific machines and configurations available in your region.

Linkage Family	312, A	M312/ M315	315/316	M318/ M320	B	CB	DB	TB	UB	VB2	WB2	HB2	JC
Stick Pin Dia. (mm)	65	70	70	80	80	90	100	110	120	120	130	130	140
Link Pin Dia. (mm)	65	70	70	80	80	90	90	100	110	110	120	120	130
Face Spread (mm)	221	281	281	311	311	351	385	441	501	501	551	551	651
Pin Spread (mm)	407	430	463	445/485*	445/485*	485/512*	500/528*	587	635	635	675	650	700

### Large Excavators

336D/D2/E					LRE								
336D2 GC								Reach	MASS				
336D2 XE													
336E H													
336F					LRE		Reach/SB						
336F XE													
336 GC								Reach	MASS				
336													
340D2													
340F					LRE								
340F UHD					UHD^		RETRO						
340					LRE		Reach/SB	MASS					
340 UHD					UHD^		RETRO						
345 GC								Reach					
345D/349D								Reach/LR					
349D2								Reach					
349E/F								Reach/LR	MASS				
349								Reach					
350								Reach					
352F					LRE			Reach					
352													
352 UHD					UHD^			RETRO					
374D/F										Reach	MASS		
374													
390D/F												Reach/ GP	MASS
395													

\*Wider dimension accommodates Power Buckets

GP – General Purpose

LR – Long Reach Boom

LRE – Long Reach Excavation

MASS – Mass Boom

Reach – Reach Boom

SB – Straight Boom

UHD – Ultra High Demolition

^Pin and Face Spread measurements vary from standard B linkage

RETRO – Earthmoving front for UHD machine

*(continued on next page)*

# Buckets for Hydraulic Excavators Technical Specifications

## Model-Linkage Cross Reference Chart *(continued)*

Caterpillar classifies excavator buckets according to the “linkage family” at the end of the stick. Refer to the following charts to identify which linkage family each Cat excavator uses when determining bucket compatibility.

Not all machines are available in all regions. Consult your Cat dealer for specific machines and configurations available in your region.

Linkage Family	312, A	M312/ M315	315/316	M318/ M320	B	CB	DB	TB	UB	VB2	WB2	HB2	JC
Stick Pin Dia. (mm)	65	70	70	80	80	90	100	110	120	120	130	130	140
Link Pin Dia. (mm)	65	70	70	80	80	90	90	100	110	110	120	120	130
Face Spread (mm)	221	281	281	311	311	351	385	441	501	501	551	551	651
Pin Spread (mm)	407	430	463	445/485*	445/485*	485/512*	500/528*	587	635	635	675	650	700

### Wheeled Excavators

M313D		1PB/VAB‡											
M314F													
M314	1PB/VAB‡												
M315D/D2/F		1PB/VAB‡											
M315	1PB/VAB‡												
M316D/F		1PB/VAB‡											
M316			1PB/VAB‡										
M317D2/F		1PB/VAB‡											
M317			1PB/VAB‡										
M318D				1PB/VAB									
M318F		1PB/VAB‡											
M318													
M319			1PB/VAB‡										
M320D2/F				1PB/VAB									
M320					1PB/VAB								
M322D/D2/F				1PB/VAB									

### Material Handlers\*\*

MH3022 (F Series)				1PB/VAB									
MH3022					1PB/VAB								
MH3024 (F Series)				1PB/VAB									
MH3024					1PB/VAB								
MH3026 (F Series)				1PB/VAB									
MH3026					1PB/VAB								

### Forest Machines\*\*

538 GF					Reach								
548 GF						Reach							
558 GF							Reach						
568 GF								Reach					

\*Wider dimension accommodates Power Buckets

\*\*When equipped with appropriate stick and bucket linkage

‡When using Pin Grabber Coupler with bucket, rotation difference will occur

1PB – One Piece Boom

Reach – Reach Boom

VAB – Variable Angle Boom

# Buckets for Hydraulic Excavators Technical Specifications

## Pin-on Cat® Pin Grabber Buckets

Use pinned to the machine or with a Cat Pin Grabber Coupler.

Capacity based on ISO 7451.

Bucket weights do not include tips, unless otherwise indicated.

Bucket part numbers shown include adapters, tips ordered separately unless otherwise indicated.

Not all attachments are available in all regions. Consult your Cat dealer for specific configurations available in your region.

### 312-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m <sup>3</sup>	yd <sup>3</sup>	GET	Qty.	kg	lb
<b>General Duty</b>								
571-2887 *	800	32	0.45	0.59	70	5	399	881
571-2948 *	900	35	0.52	0.68	70	5	425	938
571-2858 *	900	36	0.53	0.69	70	5	414	914
571-2888 *	950	37	0.57	0.75	70	5	443	977
571-2889 *	1000	39	0.63	0.82	70	5	464	1023
<b>Heavy Duty</b>								
550-9217 *	800	32	0.45	0.59	80	4	455	1003
550-9219 *	900	35	0.52	0.68	80	4	446	983
550-9218 *	900	35	0.52	0.68	80	4	483	1064
<b>Ditch Cleaning Tilt</b>								
509-9134	1800	72	0.60	0.78	BOCE		724	1597
<b>Tamping</b>								
491-3929	1800	71					436	962
491-3930	1800	71					453	998

\*Tips included

BOCE – Bolt-on Cutting Edge included

### 315/316-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m <sup>3</sup>	yd <sup>3</sup>	GET	Qty.	kg	lb
<b>General Duty</b>								
558-4626 *	950	37	0.65	0.85	80	5	602	1326
431-6570 *	1100	43	0.80	1.04	J300	6	629	1387
573-4972 *	1100	43	0.80	1.04	80	6	663	1462

\*Tips included

### A-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m <sup>3</sup>	yd <sup>3</sup>	GET	Qty.	kg	lb
<b>Ditch Cleaning</b>								
441-6077 *	1200	48	0.57	0.74	BOCE		386	852

\*Tips included

BOCE – Bolt-on Cutting Edge included

### B-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m <sup>3</sup>	yd <sup>3</sup>	GET	Qty.	kg	lb
<b>General Duty</b>								
550-9525 *	950	37	0.80	1.05	80	5	711	1568
550-9529	1050	41	0.90	1.18	80	5	684	1508
550-9526 *	1050	41	0.90	1.18	80	5	744	1640
550-9527 *	1150	45	1.00	1.31	80	5	776	1711
<b>Heavy Duty</b>								
550-9611	950	37	0.80	1.05	90	5	751	1656
550-9608 *	950	37	0.80	1.05	90	5	811	1788
550-9610 *	1050	41	0.90	1.18	90	5	855	1951
550-9612	1050	42	0.90	1.18	90	5	790	1742
550-9609 *	1050	42	0.90	1.18	90	5	850	1874
<b>Ditch Cleaning Tilt</b>								
511-5336	2000	79	1.23	1.61	BOCE		1096	2416
<b>Tamping</b>								
491-3931	2200	87					868	1913
491-3932	2200	87					891	1965

\*Tips included

BOCE – Bolt-on Cutting Edge included

### CB-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m <sup>3</sup>	yd <sup>3</sup>	GET	Qty.	kg	lb
<b>General Duty</b>								
554-3116 *	1200	47	1.03	1.35	100	5	985	2171
554-3113 *	1300	51	1.10	1.44	100	5	1022	2253
554-3114 *	1350	53	1.20	1.57	100	6	1073	2366
554-3117 *	1650	65	1.50	1.96	100	6	1196	2637
<b>Heavy Duty</b>								
577-0318 *	1060	42	0.80	1.00	100	5	916	2019
554-3112 *	1300	51	1.10	1.44	100	5	1137	2507
554-3115 *	1450	57	1.30	1.70	100	6	1237	2727

\*Tips included

(continued on next page)

# Buckets for Hydraulic Excavators Technical Specifications

## Pin-on Cat® Pin Grabber Buckets (continued)

Use pinned to the machine or with a Cat Pin Grabber Coupler.

Capacity based on ISO 7451.

Bucket weights do not include tips, unless otherwise indicated.

Bucket part numbers shown include adapters, tips ordered separately unless otherwise indicated.

Not all attachments are available in all regions. Consult your Cat dealer for specific configurations available in your region.

### DB-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m <sup>3</sup>	yd <sup>3</sup>	GET	Qty.	kg	lb
<b>General Duty</b>								
540-4081 *	1400	55	1.40	1.83	100	5	1202	2650
540-4082 *	1500	57	1.50	1.96	100	5	1239	2732
540-4083 *	1550	61	1.60	2.09	100	6	1301	2868
<b>Heavy Duty</b>								
528-4581 *	1450	57	1.40	1.83	110	5	1466	3232
528-4577 *	1450	57	1.40	1.83	110	5	1516	3342
528-4578 *	1450	57	1.40	1.83	110	5	1564	3448
528-4580 *	1500	59	1.50	1.96	110	5	1567	3455
528-4579 *	1500	59	1.50	1.96	110	5	1614	3558
566-6625 *	1500	61	1.88	2.46	110	5	1657	3653

\*Tips included

### TB-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m <sup>3</sup>	yd <sup>3</sup>	GET	Qty.	kg	lb
<b>General Duty</b>								
551-3636 *	1500	59	1.90	2.48	110	5	1927	4248
551-3637 *	1600	63	2.00	2.62	110	5	1974	4352
<b>Heavy Duty</b>								
518-9356 *	1550	61	1.90	2.48	130	5	2346	5172
518-9357 *	1700	67	2.10	2.75	130	5	2486	5481
<b>Severe Duty</b>								
566-6637 *	1700	67	2.41	3.15	130	5	2567	5659
566-6638 *	1850	74	2.69	3.52	130	6	2766	6098

\*Tips included

### VB2-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m <sup>3</sup>	yd <sup>3</sup>	GET	Qty.	kg	lb
<b>Severe Duty</b>								
527-5496 *	1650	65	2.50	3.27	150	4	3095	6823
571-2848 *	1750	70	3.30	4.32	150	4	3713	8186
519-5276 *	1950	77	3.00	3.92	150	5	3736	8236

\*Tips included

### WB2-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m <sup>3</sup>	yd <sup>3</sup>	GET	Qty.	kg	lb
<b>Extreme Duty</b>								
519-5396 * <sup>S</sup>	2050	81	4.40	5.75	170	4	5578	12297

\*Tips included

S – Spade Edge Bucket

### HB2-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m <sup>3</sup>	yd <sup>3</sup>	GET	Qty.	kg	lb
<b>Severe Duty</b>								
528-8136 *	1750	69	3.90	5.10	150	4	4227	9319
528-8137 *	2000	79	4.60	6.02	150	5	4605	10152
<b>Extreme Duty</b>								
528-8139 *	1750	69	3.88	5.07	170	4	5153	11360

\*Tips included

### JC-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m <sup>3</sup>	yd <sup>3</sup>	GET	Qty.	kg	lb
<b>Severe Duty</b>								
528-8140 *	2000	79	4.60	6.02	200	4	6256	13792
596-9273 *	2300	91	5.26	6.88	200	4	6512	14356
<b>Extreme Duty</b>								
588-1489 <sup>S</sup>	2550	100	6.00	7.85	200	4	8302	18303

\*Tips included

S – Spade Edge Bucket

# Buckets for Hydraulic Excavators Technical Specifications

## Connecting Lines for Ditch Cleaning Tilt Buckets

Connecting lines must be ordered in addition to the bucket.

Choose connecting lines to match carrier stick lines.

Flow Control Valve is required for carriers with high pressure lines without tool control.

Quick disconnect fittings are optional.

Carrier	Linkage	Interface	Connecting Lines		Flow Control Valve for HP	OPTIONAL
			High Pressure (HP)	Medium Pressure (MP)		Quick Disconnect
311D/F 312D/E/F 313F 313 GC 313 314D/E/F 315F 315 GC 315	312	Pin-on	513-7230	513-7231	492-1555	499-3172
		Pin Grabber				
		CW-20s/ CW-20				
315D 316E/F 317 GC 317 318E/F	315	Pin-on	513-7230	513-7231	492-1555	499-3172
		Pin Grabber				
		CW-30s/ CW-30				
319D 320D/D2/E/F 320 GC 320 321D 323D/E/F 323 325F 325	B	Pin-on	513-7232	513-7231	492-1555	499-3172
		Pin Grabber	513-7228	513-7229	492-1555	499-3172
		CW-40s	513-7228	513-7229	492-1555	499-3172
		CW-40	513-7232	513-7231		
M313D M314F M315D2/F	M312	Pin-on/ CW-20s/ CW-20	513-7232	513-7234	492-1555	
		Pin Grabber	513-7228	513-7233		
M314 M315	312	Pin-on	603-2160	603-1524	492-1555	499-3172
		Pin Grabber		603-3526		
		CW-20s	603-4122			
		CW-20				
M315D M316D/F M317D2/F M318F M320F M322D/F	M315/ M318/B	Pin-on/CW-40	513-7232	513-7234	492-1555	
		Pin Grabber/ CW-40s	513-7228	513-7233	492-1555	
M316 M318 M319	315	Pin-on	603-2160	603-1524	492-1555	499-3172
		Pin Grabber	513-7232	603-3526		
		CW-30S				
		CW-30				
M320	B	Pin-on	603-2160	603-1524	492-1555	499-3172
		Pin Grabber	513-7232	603-3526		
		CW-40s				
		CW-40				



# Buckets for Hydraulic Excavators Technical Specifications

## Ground Engaging Tools (GET)

Part numbers include tip and retainer unless otherwise indicated.

### Cat Advansys™ Tips

	70	80	90	100	110	130	150	170	200
<b>Double Spike</b>		505-4085	505-4095	505-4105	505-4115	381-4092	368-3788	368-3871	
<b>General Duty</b>	539-5678	505-4086	505-4096	505-4106	505-4116	381-4088	368-3789	368-3872	385-4811
<b>Heavy Duty</b>		505-3982	505-3996	505-4002	505-4012	368-3791	368-3786	368-3867	385-4814
<b>Heavy Duty Long Life (ARM)</b>		505-3983	505-3993	505-4003	505-4013	368-3857	368-3861	387-6856	387-6867
<b>Leveling Edge Conversion (LEC)</b>		505-3985	505-3995	505-4005					
<b>Penetration</b>	539-5677	505-4081	505-4091	505-4101	505-4111	381-4093	368-3785	368-3868	368-3877
<b>Penetration Long Life (ARM)</b>		505-4082	505-4092	505-4102	505-4112	368-3858	368-3874	387-6866	387-6868
<b>Penetration Plus</b>	539-5673	505-4083	505-4097	505-4103	505-4113	381-4089	368-3783	368-3869	368-3878
<b>Spike</b>		505-4084	505-4098	505-4104	505-4114	381-4090	368-3787	368-3870	
<b>Wide</b>		505-4080	505-4090	505-4100	505-4110	381-4091	368-3790	368-3866	

ARM – Abrasion Resistant Material

LEC – Leveling Edge Conversion

### J Series Tips

	J300	J350
<b>Abrasion, Heavy Duty</b>	8E-3756	
<b>Double Spike</b>		135-9357
<b>General Duty</b>		1U-3352
<b>Long</b>	9J-3167	
<b>Long, Heavy Duty</b>	8E-3751	
<b>Penetration</b>	3G-3237	9J-4359
<b>Penetration Long Life (ARM)</b>		119-9359
<b>Penetration Plus</b>	195-9180	168-1359
<b>Short</b>	9J-3175	
<b>Spike</b>		168-1350
<b>Wide</b>	4T-2215	107-3350

ARM – Abrasion Resistant Material

### Sidcutters and Protectors

Machine Model or Linkage Family	Sidebar Protectors	Sidcutters		
	4 Piece Set	GD	HD	SD
<b>311, 312, 313, 314</b>		380-1203		380-1203
<b>315, 316, M313-M318</b>		380-1204	380-1204	380-1204
<b>318</b>		380-1204	380-1204	380-1204
<b>B, CB, DB</b>	357-2691	7Y-0366	357-2698	357-2698
<b>M320, M322</b>	195-7216	380-1204	380-1204	
<b>TB, UB, VB, HB</b>	357-2687		357-2685	357-2685
<b>VB2, WB2, HB2</b>	329-5956		357-2686	357-2686
<b>JC</b>	357-2688		357-2686	357-2686

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(Japan)

