



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	140
Face Spread (mm)	221	281	281	331	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												
314D/E/F	1PB/VAB/POB												
315F													
315D/316E/F			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.

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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	140
Face Spread (mm)	221	281	281	331	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												
321D					Reach/ VAB								
323D	SLR					MASS							
323D3					Reach								
323E/F													
323					Reach/ VAB								
325F													
324D/E						Reach/ VAB							
325D	SLR					Reach	MASS						
326D2/F						Reach/ VAB							
326													
328D						Reach							
329D/E/F	SLR						MASS						
330D					SLR		Reach	MASS					
330D2/F	SLR												
330 GC						Reach	MASS						
330	SLR												
335F													

*Wider dimension accommodates Power Buckets

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.

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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	140
Face Spread (mm)	221	281	281	331	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					SLR									
336D2 GC								Reach	MASS					
336D2 XE														
336E H														
336F					SLR			Reach/SB	MASS					
336F XE								Reach						
336 GC														
336					SLR									
340D2														
340F					LRE/UHD (JPN)	UHD (EURO)								
345 GC								Reach	MASS					
345D/349D								Reach/LR						
349D2								Reach						
349E/F								Reach/LR						
352F														
349														
352														
365C														
374D/F										Reach	MASS			
390D/F												Reach/ GP	MASS	

*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

SLR – Super Long Reach Boom

UHD – Ultra High Demolition

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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	140
Face Spread (mm)	221	281	281	331	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													
M315D/D2/F		1PB/VAB‡											
M314F													
M316D/F													
M317D2/F		1PB/VAB‡											
M318F													
M318D				1PB/VAB									
M320D2/F				1PB/VAB									
M322D/D2/F				1PB/VAB									

Material Handlers**

MH3022				1PB/VAB									
MH3024													

*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

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 ³	yd ³	GET	Qty.	kg	lb
Utility Duty								
571-2849 *	900	36	0.53	0.69	70	5	413	910
General Duty								
571-2854	900	36	0.53	0.69	70	6	400	882
571-2858 *	900	36	0.53	0.69	70	5	414	914
571-2945 *	900	36	0.53	0.69	70	6	441	972
571-2944 *	1000	39	0.60	0.78	70	5	454	1001
571-2885 *	1050	42	0.65	0.85	70	6	509	1123
571-2872 *	1100	43	0.70	0.92	70	6	518	1143
568-3280 *	1200	49	0.76	0.99	J250	6	532	1174
Heavy Duty								
568-3290 *	1200	49	0.76	0.99	J250	6	551	1215
Severe Duty								
550-9227 *	1050	42	0.65	0.85	80	5	590	1300
568-3270 *	1050	41	0.65	0.85	J300	5	609	1342

*Tips included

M312/M315-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
General Duty								
573-4974	450	18	0.20	0.27	70	3	253	558

NOTE: bucket profile specifically for M313D, M314F, M315D2/F

M312/M315-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
General Duty								
550-9421	1100	43	0.80	1.04	80	4	573	1263
573-4976	1200	47	0.91	1.19	80	5	629	1388

NOTE: bucket profile specifically for M316F, M317D2/F, M318F

315/316-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
General Duty								
550-9300 *	1100	43	0.80	1.04	80	5	678	1495
550-9303 *	1200	47	0.80	1.05	80	6	677	1492
Severe Duty								
550-9338 *	1050	42	0.76	1.00	90	5	737	1624

*Tips included

M318/M320-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
General Duty								
552-8196	600	24	0.39	0.50	80	3	454	1002
552-8198	1200	48	0.98	1.28	80	5	672	1482
550-9442 *	1200	48	1.00	1.31	80	5	704	1551
552-8199	1400	55	1.18	1.54	80	5	729	1607

*Tips included

NOTE: bucket profile specifically for M318D, M320D2/F

A-Family

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

*Tips included

BOCE – Bolt-on Cutting Edge 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.

B-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
General Duty								
550-9516 *	1150	46	0.90	1.18	90	5	782	1725
550-9510 *	1150	46	0.90	1.18	90	5	818	1804
573-4977	1200	48	1.19	1.56	80	5	771	1700
573-4978 *	1200	48	1.19	1.56	90	5	878	1935
550-9517 *	1250	50	1.00	1.31	90	5	816	1800
550-9511 *	1250	50	1.00	1.31	90	5	852	1877
576-4849	1300	51	1.07	1.41	80	5	701	1546
550-9518 *	1400	56	1.14	1.49	90	6	882	1945
Heavy Duty								
550-9599 *	1050	42	1.00	1.31	90	5	937	2066
550-9596 *	1050	42	1.00	1.31	90	5	955	2106
550-9600 *	1200	48	1.19	1.56	90	5	1009	2224
550-9601 *	1350	54	1.40	1.83	90	5	1071	2361
Severe Duty								
540-4105 *	1100	43	1.00	1.31	100	4	1042	2297
540-4106 *	1250	49	1.19	1.56	100	5	1140	2513
546-5050 *	1450	57	1.20	1.57	J350	6	1032	2275
Clean-up								
439-7308 *	1800	72	1.60	2.09	BOCE		979	2157

*Tips included

BOCE – Bolt-on Cutting Edge included

NOTE: when using a wheeled excavator, bucket profile specifically for M322D/D2/F

CB-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
General Duty								
540-4090 *	1400	55	1.54	2.01	100	6	1187	2617
370-5824 *	1400	55	1.54	2.02	J400	6	1165	2568
573-4997 *	1700	67	2.00	2.60	100	6	1345	2965

*Tips included

CB-Family (continued)

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
Heavy Duty								
565-6339	1450	58	1.60	2.09	100	5	1211	2670
566-2007 *	1450	58	1.60	2.09	100	5	1323	2917
566-2008 *	1600	63	1.80	2.35	100	6	1410	3109
573-5015 *	1650	67	1.90	2.48	100	5	1418	3126
566-6627 *	1750	69	2.00	2.61	100	5	1397	3080
573-5016 *	1750	69	2.00	2.61	100	5	1446	3188
Severe Duty								
528-4596 *	1300	51	1.36	1.78	110	4	1395	3075
528-4598 *	1400	56	1.54	2.01	110	5	1496	3298

*Tips included

DB-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
General Duty								
540-4079 *	1500	60	1.87	2.44	100	5	1365	3009
Heavy Duty								
528-4565 *	1350	55	1.64	2.14	110	5	1572	3466
528-4566 *	1500	61	1.88	2.46	110	5	1670	3682
528-4568 *	1500	61	1.88	2.46	110	5	1682	3708
528-4567 *	1650	67	2.12	2.77	110	5	1768	3898
528-4569 *	1650	67	2.12	2.77	110	5	1780	3924
559-4170 *	1800	73	2.40	3.14	110	5	1848	4074
Severe Duty								
525-4049 *	1400	55	1.64	2.14	130	4	1805	3979
525-4050 * ^S	1550	61	1.90	2.48	130	4	1948	4295
528-8130 *	1700	67	2.12	2.77	130	5	2094	4616
563-2899 *	1850	73	2.31	3.02	130	5	2191	4830

*Tips included

S – Spade Edge Bucket

(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.

TB-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
General Duty								
577-0356 *	1800	71	2.60	3.40	110	6	2325	5126
Heavy Duty								
519-2233 *	1650	65	2.41	3.15	130	5	2488	5485
518-9358 *	1650	65	2.41	3.15	130	5	2503	5518
577-0353 *	1750	69	2.50	3.27	110	6	2464	5432
568-7612 *	1850	73	2.69	3.52	130	5	2638	5816
528-8132 *	1950	77	3.08	4.03	130	5	2821	6219
Severe Duty								
566-6635 ^{SS}	1350	54	1.87	2.44	110	4	2135	4707
519-2234 ^{SS}	1550	61	2.14	2.80	130	4	2338	5154
519-2235 *	1650	65	2.41	3.15	130	5	2584	5697
528-4593 ^{SS}	1650	66	2.41	3.15	110	5	2452	5406
518-9326 ^S	1750	69	2.40	3.14	130	4	2463	5430

*Tips included

S – Spade Edge Bucket

UB-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
General Duty								
528-8134 *	1950	77	3.43	4.49	130	5	2929	6457
Severe Duty								
568-7616 ^{SS}	1450	59	2.39	3.12	130	4	2635	5809
519-2236 ^{SS}	1550	61	2.61	3.41	130	4	2740	6041
519-2237 ^{SS}	1850	73	3.21	4.20	130	5	3078	6786

*Tips included

S – Spade Edge Bucket

VB-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
Heavy Duty								
568-7614 *	1500	61	2.50	3.27	130	4	2563	5650
568-7615 *	1750	70	3.00	3.92	130	4	2770	6107

*Tips included

WB2-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
Heavy Duty								
543-2769	2300	91	5.30	6.93	150	5	4444	9797
Severe Duty								
519-5394 ^{SS}	2200	87	4.60	6.02	170	4	5248	11570
Extreme Duty								
519-5397 ^{SS}	2150	85	4.60	6.02	170	4	5949	13115

*Tips included

S – Spade Edge Bucket

JC-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
General Duty								
528-8138 *	2550	100	6.00	7.85	170	6	6065	13371
528-8163	2600	102	6.50	8.50	170	6	5985	13195
Severe Duty								
519-5461 ^{SS}	2500	95	6.00	7.85	200	5	7282	16054
Extreme Duty								
519-5463 ^{SS}	2350	93	5.40	7.06	200	4	7541	16625

*Tips included

S – Spade Edge Bucket

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

ARM – Abrasion Resistant Material

LEC – Leveling Edge Conversion

J Series Tips

	J250	J300	J350	J400
Abrasion, Heavy Duty	8E-3755	8E-3756		
Double Spike			135-9357	135-9408
Extra Duty				
General Duty			1U-3352	7T-3402
Long	9J-3169	9J-3167		
Long, Heavy Duty	8E-3750	8E-3751		
Penetration	100-6462	3G-3237	9J-4359	6Y-7409
Penetration Long Life (ARM)			119-9359	124-7409
Penetration Plus		195-9180	168-1359	168-1409
Short	9J-3178	9J-3175		
Spike			168-1350	159-0400
Twin Sharp	229-7137			
Wide	101-2927	4T-2215	107-3350	107-3400

ARM – Abrasion Resistant Material

Sidcutters and Protectors

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

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GEJQ3369-01 (07-2019)
Replaces GEJQ3369-00
(India, Indonesia, SE Asia)

