



Buckets

for Hydraulic Excavators

Technical Specifications

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

Table of Contents

Model-Linkage Cross Reference Chart	2
Pin-on/Cat® Pin Grabber Buckets	6
312-Family	6
M312/M315-Family	6
315/316-Family	6
M318/M320-Family	6
A-Family	6
B-Family	7
CB-Family	7
DB-Family	8
TB-Family	8
UB-Family	8
WB2-Family	9
JC-Family	9
Connecting Lines for Ditch Cleaning Tilt Buckets	10
Ground Engaging Tools (GET)	11

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.

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

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.

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

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

(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	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								
571-2895 *	450	18	0.20	0.26	70	3	303	669
571-2897 *	600	24	0.31	0.40	70	3	346	764
571-2899 *	750	30	0.41	0.54	70	4	396	872
550-9211 *	750	30	0.41	0.54	80	4	448	988
571-2858 *	900	36	0.53	0.69	70	5	414	914
571-2900 *	900	36	0.53	0.69	70	5	445	980
571-2945 *	900	36	0.53	0.69	70	6	441	972
550-9214	900	36	0.53	0.69	80	4	426	939
550-9212 *	900	36	0.53	0.69	80	4	492	1085
571-2944 *	1000	39	0.60	0.78	70	5	454	1001
571-2901 *	1050	42	0.65	0.84	70	6	494	1088
571-2885 *	1050	42	0.65	0.85	70	6	509	1123
571-2872 *	1100	43	0.70	0.92	70	6	518	1143
Severe Duty								
550-9227 *	1050	42	0.65	0.85	80	5	590	1300
Clean-up								
449-8618 *	1500	60	1.02	1.33	BOCE		651	1434
449-8617 *	1800	72	1.25	1.63	BOCE		748	1649
Ditch Cleaning Tilt								
509-9132 *	1500	60	0.74	0.98	BOCE		654	1443
482-0843 *	1800	72	0.90	1.18	BOCE		784	1728

*Tips included

BOCE – Bolt-on Cutting Edge 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

315/316-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
General Duty								
550-9292 *	600	24	0.35	0.46	80	3	496	1092
550-9293 *	900	36	0.62	0.81	80	4	602	1328
550-9300 *	1100	43	0.80	1.04	80	5	678	1495
550-9303 *	1200	47	0.80	1.05	80	6	677	1492
560-9916 *	1200	48	0.91	1.19	80	5	713	1572
Severe Duty								
550-9338 *	1050	42	0.76	1.00	90	5	737	1624
Clean-up								
449-8620 *	1500	60	1.24	1.62	BOCE		799	1762
449-8619 *	1800	72	1.53	2.00	BOCE		911	2008
Ditch Cleaning Tilt								
484-0188 *	1800	72	0.78	1.02	BOCE		969	2136

*Tips included

BOCE – Bolt-on Cutting Edge included

M318/M320-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
General Duty								
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								
550-9463 *	600	24	0.46	0.60	80	3	633	1396
550-9438 *	1050	42	1.00	1.31	80	4	778	1716
550-9437 *	1050	42	1.00	1.31	80	4	821	1810
550-9510 *	1150	46	0.90	1.18	90	5	818	1804
573-4977	1200	48	1.19	1.56	80	5	771	1700
550-9465 *	1200	48	1.19	1.56	80	5	892	1965
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
550-9518 *	1400	56	1.14	1.49	90	6	882	1945
Heavy Duty								
550-9575 *	600	24	0.46	0.61	90	3	720	1587
550-9576 *	750	30	0.64	0.84	90	4	823	1814
550-9577 *	900	36	0.81	1.06	90	5	904	1994
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
550-9579 *	1200	48	1.19	1.56	90	6	1042	2297
550-9580 *	1350	54	1.38	1.81	90	7	1125	2480
550-9581 *	1500	60	1.58	2.06	90	7	1185	2612
Severe Duty								
540-4105 *	1100	43	1.00	1.31	100	4	1042	2297
Clean-up								
449-8622 *	1800	72	1.60	2.09	BOCE		1021	2251
449-8621 *	2000	78	1.76	2.31	BOCE		1088	2399
Ditch Cleaning Tilt								
511-5338 *	1800	72	1.40	1.83	BOCE		1114	2456

*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								
560-9915 *	600	24	0.52	0.68	90	3	708	1561
550-9720 *	1350	54	1.54	2.01	90	5	1123	2476
550-9714	1500	59	1.76	2.30	90	5	1043	2299
550-9709 *	1500	59	1.76	2.30	90	5	1092	2407
550-9721 *	1500	60	1.76	2.30	90	5	1187	2617
Heavy Duty								
554-3119 *	1200	48	1.33	1.74	100	5	1197	2639
554-3120 *	1350	54	1.54	2.02	100	6	1297	2859
566-2007 *	1450	58	1.60	2.09	100	5	1323	2917
559-4167 *	1500	60	1.76	2.30	100	7	1396	3078
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								
528-4598 *	1400	56	1.54	2.01	110	5	1496	3298
Clean-up								
449-8624 *	1800	72	1.81	2.37	BOCE		1207	2661
449-8623 *	2000	78	2.00	2.61	BOCE		1285	2833

*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.

DB-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
General Duty								
540-4078 *	1650	65	2.12	2.77	100	5	1470	3241
Heavy Duty								
528-4570 *	750	30	0.73	0.95	110	3	1131	2493
528-4571 *	1050	42	1.17	1.53	110	4	1372	3025
528-4572 *	1200	48	1.40	1.83	110	5	1506	3320
528-4573 *	1350	54	1.64	2.14	110	5	1602	3532
528-4574 *	1500	59	1.88	2.46	110	6	1737	3829
528-4566 *	1500	61	1.88	2.46	110	5	1670	3682
528-4575 *	1650	66	2.12	2.77	110	7	1872	4127
528-4567 *	1650	67	2.12	2.77	110	5	1768	3898
528-4569 *	1650	67	2.12	2.77	110	5	1780	3924
528-4576 *	1850	72	2.36	3.09	110	7	1969	4341
Severe Duty								
528-4649	1200	48	1.40	1.83	110	5	1382	3047
528-4588 *	1200	48	1.40	1.83	110	5	1614	3558
525-4049 *	1400	55	1.64	2.14	130	4	1805	3979
525-4050 ^{SS}	1550	61	1.90	2.48	130	4	1948	4295
528-8130 *	1700	67	2.12	2.77	130	5	2094	4616
Clean-up								
449-8626 *	1800	72	2.48	3.24	BOCE		1521	3353
449-8625 *	2000	78	2.74	3.58	BOCE		1618	3567

*Tips included

BOCE – Bolt-on Cutting Edge included

S – Spade Edge Bucket

TB-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
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
528-4554 *	1650	66	2.41	3.15	110	7	2486	5481
374-3643 *	1650	66	2.41	3.16	J550	5	2414	5322
528-4555 *	1850	72	2.69	3.52	110	7	2615	5765
Severe Duty								
554-3128 ^S	1350	54	1.87	2.44	110	4	1997	4403
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
Clean-up								
449-8628 *	2000	78	2.80	3.66	BOCE		2288	5044
449-8627 *	2400	94	3.38	4.42	BOCE		2721	5999

*Tips included

BOCE – Bolt-on Cutting Edge included

S – Spade Edge Bucket

UB-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
Severe Duty								
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

(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.

WB2-Family

Part No.	Width		Capacity		Adapters		Weight	
	mm	in	m ³	yd ³	GET	Qty.	kg	lb
Severe Duty								
519-5405 ^S	2150	85	4.60	6.02	170	4	4944	10900
519-5406 ^S	2200	87	4.60	6.02	170	4	4976	10970
519-5394 ^{*S}	2200	87	4.60	6.02	170	4	5248	11570
Extreme Duty								
519-5409 ^S	2050	81	4.40	5.75	170	4	5578	12297
519-5396 ^{*S}	2050	81	4.40	5.75	170	4	5762	12703
519-5411 ^S	2150	85	4.60	6.02	170	4	5765	12710
519-5397 ^{*S}	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
Severe Duty								
519-5460 ^{*S}	2300	91	5.40	7.06	200	4	6780	14947
519-5467 ^S	2500	95	6.00	7.85	200	5	6835	15069
519-5461 ^{*S}	2500	95	6.00	7.85	200	5	7282	16054

*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
311F RR 313F GC 313F		Pin-on	513-7230	513-7231	492-1555	499-3172
		Pin Grabber				
315F 316F 318F		Pin-on	513-7230	513-7231	492-1555	499-3172
		Pin Grabber				
320 GC 320 323 325F CR	B	Pin-on	513-7232	513-7231	492-1555	499-3172
		Pin Grabber	513-7228	513-7229	492-1555	499-3172
M314F		Pin-on	513-7232	513-7234	492-1555	
		Pin Grabber	513-7228	513-7233	492-1555	
M315F M316F M317F M318F M320F		Pin-on	513-7232	513-7234	492-1555	
		Pin Grabber	513-7228	513-7233	492-1555	
M322F		Pin-on	513-7232	513-7234	492-1555	
		Pin Grabber	513-7228	513-7233	492-1555	

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	170	200
Double Spike		505-4085	505-4095	505-4105	505-4115	381-4092	368-3871	
General Duty	539-5678	505-4086	505-4096	505-4106	505-4116	381-4088	368-3872	385-4811
Heavy Duty		505-3982	505-3996	505-4002	505-4012	368-3791	368-3867	385-4814
Heavy Duty Long Life (ARM)		505-3983	505-3993	505-4003	505-4013	368-3857	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	368-3868	368-3877
Penetration Long Life (ARM)		505-4082	505-4092	505-4102	505-4112	368-3858	387-6866	387-6868
Penetration Plus	539-5673	505-4083	505-4097	505-4103	505-4113	381-4089	368-3869	368-3878
Spike		505-4084	505-4098	505-4104	505-4114	381-4090	368-3870	
Wide		505-4080	505-4096	505-4100	505-4110	381-4091	368-3866	

ARM – Abrasion Resistant Material

LEC – Leveling Edge Conversion

J Series Tips

	J550
Abrasion, Heavy Duty	198-8486
Long	198-8478
Long, Heavy Duty	198-8479
Penetration	198-8487
Penetration Plus	195-9185
Short	198-8485
Twin Sharp	169-4150
Wide	8J-9840

Sidecutters and Protectors

Machine Model or Linkage Family	Sidebar Protectors	Sidecutters		
	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

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

© 2019 Caterpillar
All rights reserved

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Yellow," the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

GEJQ0371-01 (07-2019)
Replaces GEJQ0371-00
(Pacific Islands)

