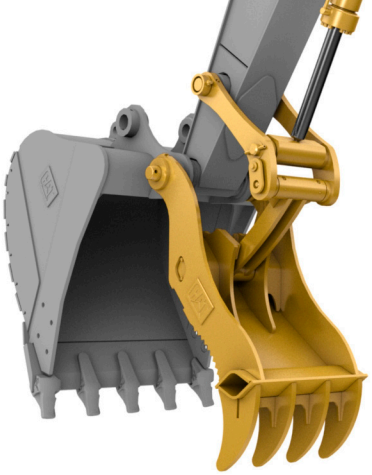


Cat® Thumbs

Pro Plus, Pro, Stiff Link, and Utility

Technical Specifications

Contact your Cat® dealer for thumb compatibility based on your application and machine configuration or if your configuration is unavailable.

Thumb matches to GC excavators require a long undercarriage.

Not all thumb models are available in all regions. Consult your Cat dealer for models available in your region.

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Thumbs Technical Specifications

Pro Series Thumb Compatibility with Cat® Machines

	Pro Series (for 311-352)
Quick Coupler*	
Cat® Pin Grabber	All
Cat Excavators* (311-352)	
Thumb-ready Stick Machines	312E, 313F, 313, 316E/F, 317, 320E, 323F, 323
D, E, F Series and NGH	All
Cat Buckets	
D Series	All
Next Generation	All

*Contact your Cat dealer for specific compatibility of thumbs for dedicated-style couplers and D & F wheeled excavators.

Thumb-ready Machine and Stick Configurations for Pro Series

Thumb-ready Machines

Thumb-ready machines are configured with hydraulics and Pro Series Hydraulic Thumb mounting bracket.

	313		317	323	
Part No.	625-1771	625-1772	625-1863	636-2757	636-2758
Lane	1	2/3	1	2/3	2/3
Arrangement	DCA 3C	DCA 4C	DCA 3C	DCA 1C	DCA 2C
Stick Length	2.8 (9'2")	2.8 (9'2")	2.9 (9'6")	2.9 (9'6")	2.9 (9'6")
Hydraulic System	2 pump/2 way	2 pump/2 way	2 pump/2 way	2 pump/2 way	2 pump/2 way
Hydraulic Control	Tool Control	Tool Control	Tool Control	Tool Control	Tool Control

Thumb-ready Sticks

Thumb-ready sticks include Pro Series Hydraulic Thumb mounting bracket and hydraulic mounting blocks.

	313	315	317	323
Part No.	558-2810	558-2810	585-2680	490-7676
Lane	2/3	2/3	2/3	2/3
Stick Length	2.8 (9'2")	2.8 (9'2")	2.9 (9'6")	2.9 (9'6")
Stick Type	Standard	Standard	Standard	Standard
Boom Type				

Pro and Pro Plus Matching Guide and Installation Hardware Requirements

311D/F RR, 312D/E, 313F, 313F GC, 313, 313 GC, 314D/E/F, 315F, 315, 315 GC, M314*, M315*

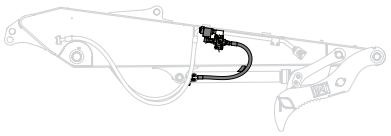
Minimum Stick Length: 2.5 m (8'2")

Mounting Bracket Group 379-7029

Not required for machines equipped with thumb-ready stick.

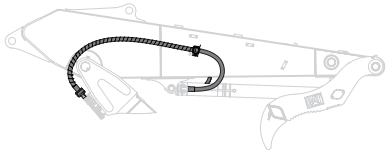
Hydraulic Requirements

Connector Lines Groups



Machine	Part No.
311D/F RR	380-3967
312D/E 313F 313F GC 314D/E 315F	380-3963
313 313 GC 315 315 GC	586-7615
M314 M315	600-1380
M314^ M315^	665-9991

Thumb Stick Lines Groups



Machine	Stick	Part No.
311D/F	2.6 m (9'6")	387-9680
	2.8 m (9'2")	
312D/E 313F/313 314D/E/F	2.5 m (8'2")	387-9690
313F GC 313 GC 315F/315 315 GC	2.8 m (9'2")	
313F/313 314D/E/F 313 GC 315F/315 315 GC	3.0 m (9'10")	387-9700

	Select Bucket to Match				*Choose Thumb*			
			Width		Pro Plus		Pro	
	Part No.	Tooth Qty.	mm	in	Pin-on	Cat Pin Grabber	Pin-on	Cat Pin Grabber
General Duty	571-2852	4	600	24		633-1714		633-1735
	571-2853	5	750	30	633-1703	633-1715	633-1725	633-1736
	571-2943	6	900	36	633-1704	633-1716	633-1726	633-1737
	571-2855	7	1050	42	633-1705	633-1717	633-1728	633-1738
	571-2856	7	1200	48	633-1708	633-1718	633-1729	633-1739
Severe Duty	552-8140	3	600	24		633-1714		633-1735
	552-8141	4	750	30	633-1709	633-1719	633-1730	633-1740
	552-8142	5	900	36	633-1710	633-1720	633-1731	633-1741
	552-8143	5	1050	42	633-1711	633-1721	633-1732	633-1742

*When using buckets and thumbs on wheeled excavators, machine stability is improved when the outriggers and blades are down and in contact with the ground.

^Machine that has factory-installed "soft" rubber aux lines installed instead of "hard" steel lines.

(continued on next page)

Not available

Thumbs Technical Specifications

Pro and Pro Plus Matching Guide and Installation Hardware Requirements *(continued)*

315D, 316E/F, 317, 317 GC, 319, M318*, M319*

Minimum Stick Length: 2.6 m (8'6")

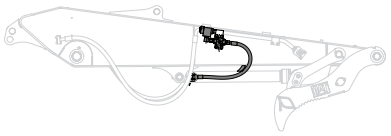
Mounting Bracket Group 370-8613

Not required for machines equipped with thumb-ready stick.

Hydraulic Requirements

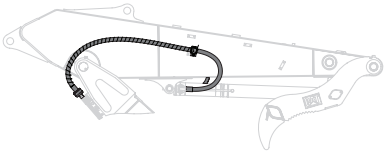
Connector Lines Groups

Machine	Part No.
315D **316E/F**	376-7217
317 **317 GC** **319**	596-2822
M318 **M319**	600-1380
M318^ **M319^**	668-6099



Thumb Stick Lines Groups

Machine	Stick	Part No.
315D **316E/F**	2.6 m (8'6")	387-9690
	2.9 m (9'6")	
	3.1 m (10'2")	387-9700



Select Bucket to Match					***Choose Thumb***			
			Width		**Pro Plus**		**Pro**	
	Part No.	**Tooth Qty.**	mm	in	**Pin-on**	**Cat Pin Grabber**	**Pin-on**	**Cat Pin Grabber**
General Duty	552-8149	4	750	30	633-1745	633-1749	633-1754	633-1758
	552-8150	5	900	36	633-1746	633-1750	633-1755	633-1759
	552-8151	5	1050	42	633-1747	633-1751	633-1756	633-1760
	552-8152	6	1200	48	633-1748	633-1752	633-1757	633-1761
Severe Duty	552-8171	4	750	30	633-1745	633-1749	633-1754	633-1758
	552-8172	5	900	36	633-1746	633-1750	633-1755	633-1759
	552-8173	5	1050	42	633-1747	633-1751	633-1756	633-1760
	552-8174	6	1200	48	633-1748	633-1752	633-1757	633-1761

*When using buckets and thumbs on wheeled excavators, machine stability is improved when the outriggers and blades are down and in contact with the ground.

^Machine that has factory-installed "soft" rubber aux lines installed instead of "hard" steel lines.

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Pro and Pro Plus Matching Guide and Installation Hardware Requirements *(continued)*

318E/F

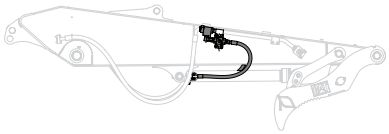
Minimum Stick Length: 2.6 m (8'6")

Mounting Bracket Group 370-8613

Hydraulic Requirements

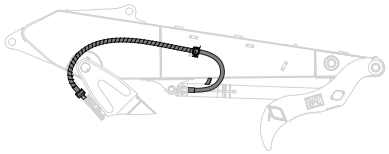
Connector Lines Groups

Machine	Part No.
318E/F	376-7217



Thumb Stick Lines Groups

Machine	Stick	Part No.
318E/F	2.6 m (8'6")	387-9690
	3.1 m (10'2")	387-9700



Select Bucket to Match					*Choose Thumb*			
					Pro Plus		Pro	
	Part No.	Tooth Qty.	Width mm	Width in	Pin-on	Cat Pin Grabber	Pin-on	Cat Pin Grabber
General Duty	552-8180	6	1208	48	633-1747	633-1752	633-1757	633-1761
Heavy Duty	552-8183	4	754	30	633-1745	633-1749	633-1754	633-1758
	552-8184	5	902	36	633-1746	633-1750	633-1755	633-1759
	552-8185	5	1056	42	633-1747	633-1751	633-1756	633-1760
	552-8186	6	1208	48	633-1748	633-1752	633-1757	633-1761
Severe Duty	552-8192	5	918	36	633-1746	633-1750	633-1755	633-1759
	552-8193	5	1072	42	633-1747	633-1751	633-1756	633-1760

(continued on next page)

Pro and Pro Plus Matching Guide and Installation Hardware Requirements *(continued)*

320 GC, 320, 320D/E/F, 320D/E RR, 321D LCR, 323, 323F, 325F CR, 325, M320* (B1 Linkage)

Minimum Stick Length: 2.9 m (9'6")

Mounting Bracket Group

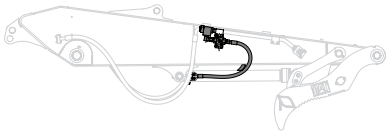
Machine	Part No.
320 GC, 320, 320D/E/F, 321D LCR, 323, 323F, 325F CR, 325	386-3919
M320	621-3240

Not required for machines equipped with thumb-ready stick.

Hydraulic Requirements

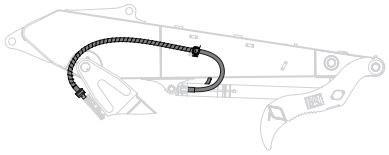
Connector Lines Groups

Machine	Part No.
320D	418-0311
320E/F, 320, 320 GC	418-0310
320D RR	418-0311
320E RR	418-0310
321D LCR	418-0311
323F/323	418-0310
325F CR/325	418-0310
M320	621-3247
M320^	668-6707



Thumb Stick Lines Groups

Machine	Stick	Part No.
320D/E/F, 320, 320 GC	2.9 m (9'6")	420-3637
	3.9 m (12'10")	420-3638
320D/E RR 321D LCR	2.9 m (9'6")	420-3637
323F/323	2.9 m (9'6")	420-3637
	3.9 m (12'10")	420-3638
325F CR/325	2.9 m (9'6")	420-3637



Select Bucket to Match					*Choose Thumb*			
			Width		Pro Plus		Pro	
	Part No.	Tooth Qty.	mm	in	Pin-on	Cat Pin Grabber	Pin-on	Cat Pin Grabber
General Duty	552-8208	5	902	(36)	652-2323	652-2328	652-2338	652-2342
	552-8209	5	1056	(42)	652-2324	652-2332	652-2339	652-2343
	552-8210	6	1208	(48)	652-2325	652-2333	652-2340	652-2345
	552-8211	7	1350	(54)	652-2326	652-2334	652-2341	652-2346
Heavy Duty	552-8238	5	902	(36)	652-2323	652-2328	652-2338	652-2342
	552-8239	5	1056	(42)	652-2324	652-2332	652-2339	652-2343
	552-8240	6	1208	(48)	652-2325	652-2333	652-2340	652-2345
	552-8241	7	1350	(54)	652-2326	652-2334	652-2341	652-2346
Severe Duty	552-8250	5	902	(36)	652-2323	652-2328	652-2338	652-2342
	552-8251	5	1056	(42)	652-2324	652-2332	652-2339	652-2343
	552-8252	6	1208	(48)	652-2325	652-2333	652-2340	652-2345
Pin Grabber Performance Buckets	550-9565	5	902	(36)		652-2335		

*When using buckets and thumbs on wheeled excavators, machine stability is improved when the outriggers and blades are down and in contact with the ground.

^Machine that has factory-installed "soft" rubber aux lines installed instead of "hard" steel lines.

Not available

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Pro and Pro Plus Matching Guide and Installation Hardware Requirements *(continued)*

324D/E, 326F, 326 (CB1 Linkage)

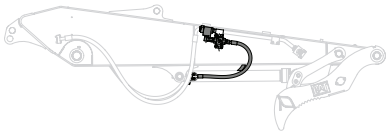
Minimum Stick Length: 2.95 m (9'8")

Mounting Bracket Group 386-3919

Hydraulic Requirements

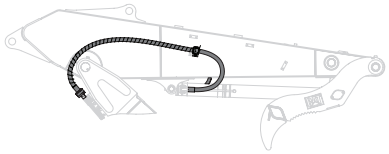
Connector Lines Groups

Machine	Part No.
324D	418-0311
324E	418-0310
326F	418-0310
326	418-0310



Thumb Stick Lines Groups

Machine	Stick	Part No.
324D 324E 326F 326	2.95 m (9'8")	420-3637



Select Bucket to Match					*Choose Thumb*			
			Width		Pro Plus		Pro	
	Part No.	Tooth Qty.	mm	in	Pin-on	Cat Pin Grabber*	Pin-on	Cat Pin Grabber*
General Duty	552-8269	5	1056	42	652-2347	652-2355	652-2366	652-2369
	552-8270	6	1208	48	652-2348	652-2356		
	552-8271	7	1350	54	652-2349	652-2357		
Heavy Duty	541-1746	4	902	36		652-2358		652-2372
	541-1747	5	1056	42	652-2347	652-2365		652-2369
	541-1748	5	1208	48	652-2350	652-2360	652-2367	652-2373
	541-1750	6	1350	54	652-2351	652-2362	652-2368	652-2375
	541-1752	7	1500	60	652-2354	652-2363		
Severe Duty	541-1769	4	902	36		652-2358		652-2372
	541-1770	5	1056	42	652-2347	652-2355	652-2366	652-2369
	541-1771	5	1208	48	652-2350	652-2360	652-2367	652-2373

*Standard coupler only. Thumbs not for use with trenching couplers.

Not available

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Pro and Pro Plus Matching Guide and Installation Hardware Requirements *(continued)*

328D CR, 329D/E/F, 330, 330 GC, 330F, 335F CR, 335 (CB2 Linkage)

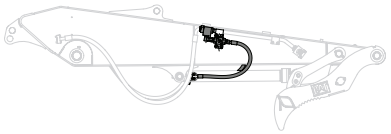
Minimum Stick Length: 3.2 m (10'6")

Mounting Bracket Group, HD Stick 385-9614

Hydraulic Requirements

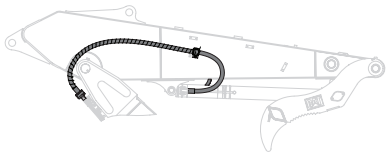
Connector Lines Groups

Machine	Part No.
328D CR 329D	418-0311
329E/F 330 330 GC 330F 335F CR 335	418-0310



Thumb Stick Lines Groups

Machine	Stick	Part No.
328D CR 329D 330 330 GC 330F 329E/F 335F CR 335	3.2 m (10'6")	420-3638



Select Bucket to Match					*Choose Thumb*			
			Width		Pro Plus		Pro	
	Part No.	Tooth Qty.	mm	in	Pin-on	Cat Pin Grabber*	Pin-on	Cat Pin Grabber*
General Duty	552-8269	5	1056	42	652-2376	652-2391		
	552-8270	6	1208	48	652-2377	652-2393		
	552-8271	7	1350	54	652-2382	652-2394		
Heavy Duty	541-1746	4	902	36	652-2386	652-2395		
	541-1747	5	1056	42	652-2376	652-2391		
	541-1748	5	1208	48	652-2387	652-2396	652-2404	652-2406
	541-1750	6	1350	54	652-2388	652-2397	652-2405	652-2407
	541-1752	7	1500	60	652-2389	652-2398		
	550-2251	7	1650	66	652-2390	652-2401		
Severe Duty	541-1769	4	902	36	652-2386	652-2395		
	541-1770	5	1056	42	652-2376	652-2391		
	541-1771	5	1208	48	652-2387	652-2396	652-2404	652-2406

*Standard coupler only. Thumbs not for use with trenching couplers.

Not available

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Pro and Pro Plus Matching Guide and Installation Hardware Requirements *(continued)*

330D, 336, 336 GC, 336D/E/F, 336E H, 336F XE, 340F, 340 (DB Linkage)

Minimum Stick Lengths: 3.2 m (10'6") or 3.9 m (12'10"). See chart below for specific details.

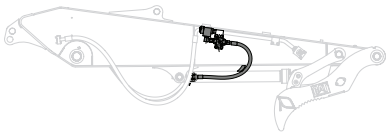
Mounting Bracket Group

Machine	Stick	Part No.
330D 336D	3.2 m (10'6") 3.9 m (12'10")	433-2358
336/ 336 GC 340/340F	3.2 m (10'6") 3.9 m (12'10")	433-2358 457-8352
336E 336E H	3.2 m (10'6") 3.9 m (12'10")	433-2358 438-2055
336F 336F XE	3.2 m (10'6") 3.9 m (12'10")	433-2358 457-8352

Hydraulic Requirements

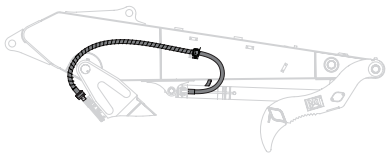
Connector Lines Groups

Machine	Part No.
330D 336D	443-0253
336/336 GC 340/340F 336E 336E H 336F 336F XE	443-0252



Thumb Stick Lines Groups

Machine	Stick	Part No.
330D 336, 336 GC 336D 336E, 336E H 336F, 336F XE	3.2 m (10'6") 3.9 m (12'10")	443-0254



Select Bucket to Match					*Choose Thumb*		
					Pro Plus		
			Width		Pin-on	Cat Pin Grabber	
	Part No.	Tooth Qty.	mm	in	3.2 m (10'6") or 3.9 m (12'10") Stick	3.2 m (10'6") or 3.9 m (12'10") Stick	3.9 m (12'10") Stick Only
General Duty	540-4116	5	1200	48	652-2408	652-2413	652-2424
	540-4117	6	1350	54		652-2415	652-2425
	538-9467	7	1500	60	652-2410	652-2417	652-2426
Heavy Duty	528-4601	4	1050	42		652-2418	652-2428
	528-4602	5	1200	48	652-2408	652-2413	652-2424
	528-4604	5	1350	54	652-2411	652-2420	652-2430
	528-4606	6	1500	60	652-2412	652-2421	652-2431
Severe Duty	528-4641	4	1050	42		652-2418	652-2428
	528-4642	5	1200	48	652-2408	652-2413	652-2424
	528-4643	5	1350	54	652-2411	652-2420	652-2430

Not available

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Pro and Pro Plus Matching Guide and Installation Hardware Requirements *(continued)*

345D, 349E/F, 349F, 349, 350, 352F, 352 (TB Linkage)

Minimum Stick Lengths: 3.35 m (11'0") or 3.9 m (12'10"). See chart below for specific details.

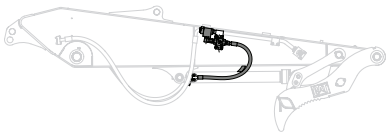
Mounting Bracket Group

Machine	Part No.
3.35 m (11'0")	443-0260
3.9 m (12'10")	443-0259
4.3 m (14'1")	443-0260

Hydraulic Requirements

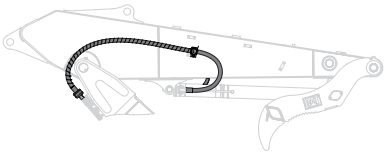
Connector Lines Groups

Machine	Part No.
345D	443-0256
349E/F 349 350 352F 352	443-0255



Thumb Stick Lines Groups

Machine	Stick	Part No.
345D 349 349E/F 350 352 352F	3.35 m (11'0") 3.9 m (12'10") 4.3 m (14'1")	443-0257

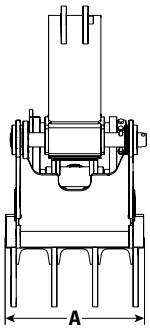


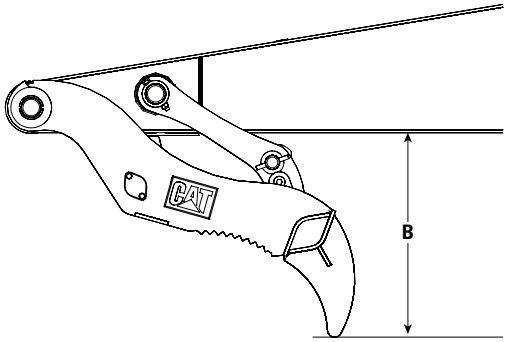
Select Bucket to Match					*Choose Thumb*
			Width		Pro Plus Cat Pin Grabber*
	Part No.	Tooth Qty.	mm	in	3.9 m (12'10") or 4.3 m (14'1") Stick
General Duty	528-2162	5	1350	54	652-2435
	528-2163	6	1500	60	652-2436
Heavy Duty	528-2176	5	1350	54	652-2435
	528-2177	6	1500	60	652-2436
Severe Duty	518-9314	4	1400	55	652-2437
	518-9315	5	1550	61	652-2438

*Standard coupler only. Thumbs not for use with trenching couplers.

Not available

Pro Series Thumbs Specifications





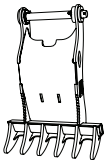
Machine	Thumb Style	Interface	Part No.	Tooth Configuration	Teeth Qty.	(A) Overall Width		(B) Stored Height*		Weight	
						mm	in	mm	in	kg	lb
311D RR 311F RR 312D 312E 313F 313F GC 313 313 GC 314D 314E 315F 315 315 GC M314 M315	Pro Plus	Pin-on	633-1703	1	4	568	22.4	656	25.8	410	904
			633-1704	1	5	726	28.6	656	25.8	422	913
			633-1705	1	6	879	34.6	656	25.8	437	962
			633-1708	1	6	1005	39.6	656	25.8	442	975
			633-1709	1	3	563	22.2	656	25.8	403	889
			633-1710	1	4	660	26.0	656	25.8	414	914
			633-1711	1	4	799	31.5	656	25.8	420	927
		Pin Grabber	633-1714	1	2	522	20.6	643	25.3	402	886
			633-1715	1	4	568	22.4	643	25.3	421	928
			633-1716	1	5	726	28.6	643	25.3	436	961
			633-1717	1	6	879	34.6	643	25.3	451	994
			633-1718	1	6	1005	39.6	643	25.3	457	1,006
			633-1719	1	3	522	20.6	643	25.3	411	905
			633-1720	1	4	660	26.0	643	25.3	425	937
			633-1721	1	4	799	31.5	643	25.3	431	950
	Pro	Pin-on	633-1725	1	4	568	22.4	657	25.9	303	667
			633-1726	1	5	726	28.6	657	25.9	316	697
			633-1728	1	6	879	34.6	657	25.9	329	725
			633-1729	1	6	1005	39.6	657	25.9	335	738
			633-1730	1	3	563	22.2	657	25.9	296	652
			633-1731	1	4	660	26.0	657	25.9	307	677
			633-1732	1	4	799	31.5	657	25.9	313	690
		Pin Grabber	633-1735	1	2	522	20.6	641	25.2	299	658
			633-1736	1	4	568	22.4	641	25.2	318	701
			633-1737	1	5	726	28.6	641	25.2	334	736
			633-1738	1	6	879	34.6	641	25.2	347	765
			633-1739	1	6	1005	39.6	641	25.2	354	780
			633-1740	1	3	522	20.6	641	25.2	308	679
			633-1741	1	4	660	26.0	641	25.2	321	708
			633-1742	1	4	799	31.5	641	25.2	329	725

*Distance from stick when stored.

Tooth Configurations

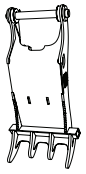
Standard Configuration

1



Configured to straddle the boom when retracted

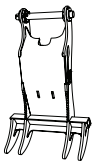
2A



2B



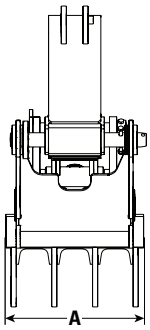
2C

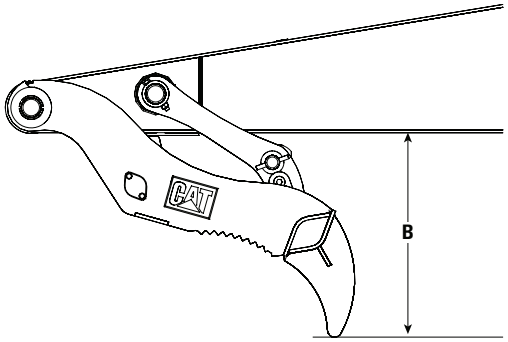


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Thumbs Technical Specifications

Pro Series Thumbs Specifications *(continued)*





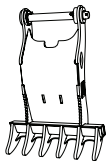
Machine	Thumb Style	Interface	Part No.	Tooth Configuration	Teeth Qty.	(A) Overall Width		(B) Stored Height*		Weight	
						mm	in	mm	in	kg	lb
315D	**Pro Plus**	Pin-on	633-1745	1	3	636	25.0	715	28.1	510	1,124
316E			633-1746	1	4	641	25.2	715	28.1	522	1,150
316F			633-1747	1	4	757	29.8	715	28.1	528	1,164
317			633-1748	1	5	923	36.3	715	28.1	547	1,206
317 GC		Pin Grabber	633-1749	1	3	591	23.3	728	28.7	516	1,137
318E			633-1750	1	4	641	25.2	728	28.7	532	1,172
318F			633-1751	1	4	757	29.8	728	28.7	538	1,186
M318			633-1752	1	5	923	36.3	728	28.7	559	1,233
M319	**Pro**	Pin-on	633-1754	1	3	636	25.0	717	28.2	382	842
			633-1755	1	4	641	25.2	717	28.2	393	866
			633-1756	1	4	757	29.8	717	28.2	398	876
			633-1757	1	5	923	36.4	717	28.2	418	922
		Pin Grabber	633-1758	1	3	591	23.3	728	28.7	391	862
			633-1759	1	4	641	25.2	728	28.7	403	888
			633-1760	1	4	757	29.8	728	28.7	411	906
			633-1761	1	5	923	36.3	728	28.7	434	957
320	**Pro Plus**	Pin-on	652-2323	1	4	713	28.1	855	33.7	789	1,740
320 GC			652-2324	1	4	758	29.8	855	33.7	801	1,767
320D			652-2325	1	5	926	36.5	855	33.7	825	1,818
320E			652-2326	1	6	1086	42.8	855	33.7	848	1,868
320D RR		Pin Grabber	652-2328	2B	2	671	26.4	1026	40.4	795	1,753
320E RR			652-2332	2B	2	758	29.8	1026	40.4	808	1,780
321D LCR			652-2333	2B	2	926	36.5	1026	40.4	818	1,803
323			652-2334	2C	4	1086	42.8	1026	40.4	872	1,922
323F			652-2335	1	4	671	26.4	816	32.1	779	1,717
325F CR			652-2336	1	3	671	26.4	816	32.1	763	1,683
325											
M320											

*Distance from stick when stored.

Tooth Configurations

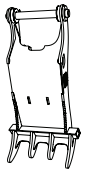
Standard Configuration

1



Configured to straddle the boom when retracted

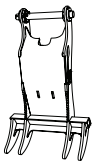
2A



2B

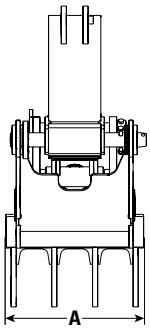


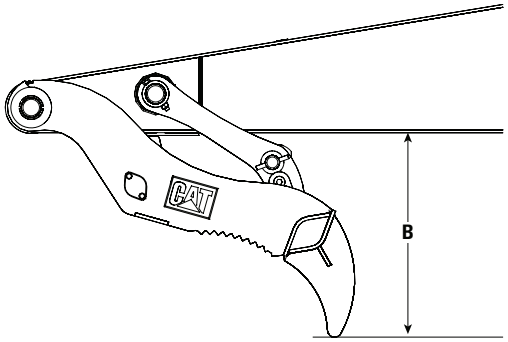
2C



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Pro Series Thumbs Specifications *(continued)*





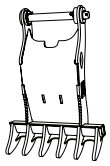
Machine	Thumb Style	Interface	Part No.	Tooth Configuration	Teeth Qty.	(A) Overall Width		(B) Stored Height*		Weight	
						mm	in	mm	in	kg	lb
320 **320 GC** **320D** **320E** **320D RR** **320E RR** **321D LCR** **323** **323F** **325F CR** **325** **M320**	**Pro**	Pin-on	652-2338	1	4	713	28.1	855	33.7	610	1,344
			652-2339	1	4	758	29.8	855	33.7	622	1,371
			652-2340	1	5	926	36.5	855	33.7	645	1,423
			652-2341	1	6	1086	42.8	855	33.7	668	1,473
		Pin Grabber	652-2342	2B	2	671	26.4	1026	40.4	455	1,002
			652-2343	2B	2	758	29.8	1026	40.4	628	1,385
			652-2345	2B	2	926	36.5	1026	40.4	638	1,407
			652-2346	2C	4	1086	42.8	1026	40.4	692	1,526
324D **324E** **326F** **326**	**Pro Plus**	Pin-on	652-2347	1	4	775	30.5	895	35.2	879	1,939
			652-2348	1	5	926	36.5	895	35.2	901	1,987
			652-2349	1	6	1086	42.8	895	35.2	923	2,035
			652-2350	1	4	926	36.5	895	35.2	886	1,959
			652-2351	1	5	1086	42.8	895	35.2	910	2,007
			652-2354	1	6	1206	47.5	895	35.2	930	2,051
		Pin Grabber	652-2355	2B	2	741	29.2	1011	39.8	892	1,967
			652-2356	2B	2	926	36.5	1011	39.8	903	1,991
			652-2357	2C	4	1086	42.8	1011	39.8	950	2,094
			652-2358	2B	2	741	29.2	1011	39.8	891	1,964
			652-2360	2B	2	926	36.5	1011	39.8	903	1,990
			652-2362	2B	2	1086	42.8	1011	39.8	913	2,013
			652-2363	2C	4	1206	47.5	1011	39.8	957	2,110
			652-2365	2A	4	800	31.5	985	38.8	896	1,976

*Distance from stick when stored.

Tooth Configurations

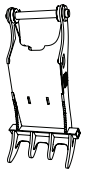
Standard Configuration

1



Configured to straddle the boom when retracted

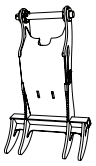
2A



2B



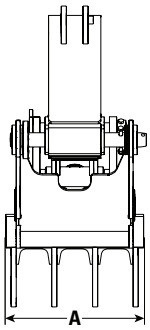
2C

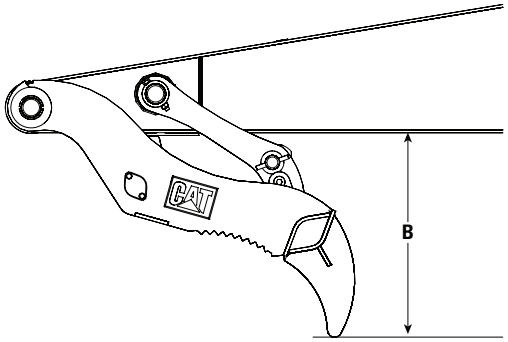


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Thumbs Technical Specifications

Pro Series Thumbs Specifications *(continued)*





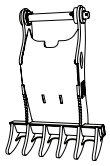
Machine	Thumb Style	Interface	Part No.	Tooth Configuration	Teeth Qty.	(A) Overall Width		(B) Stored Height*		Weight	
						mm	in	mm	in	kg	lb
324D 324E 326F 326	Pro	Pin-on	652-2366	1	4	775	30.5	895	35.2	675	1,488
			652-2367	1	4	926	36.5	895	35.2	679	1,497
			652-2368	1	5	1086	42.8	895	35.2	701	1,545
		Pin Grabber	652-2369	2B	2	741	29.2	1011	39.8	687	1,515
			652-2372	2B	2	741	29.2	1011	39.8	686	1,512
			652-2373	2B	2	926	36.5	1011	39.8	699	1,541
			652-2375	2B	2	1086	42.8	1011	39.8	709	1,563
328D CR 329D 329E 329F 330 330 GC 330F 335F CR 335	Pro Plus	Pin-on	652-2376	1	4	775	30.5	832	32.8	900	1,985
			652-2377	1	5	926	36.5	832	32.8	922	2,033
			652-2382	1	6	1086	42.8	832	32.8	944	2,081
			652-2386	1	3	775	30.5	832	32.8	882	1,943
			652-2387	1	4	926	36.5	832	32.8	904	1,993
			652-2388	1	5	1086	42.8	832	32.8	926	2,042
			652-2389	1	6	1206	47.5	832	32.8	946	2,085
			652-2390	1	6	1332	52.4	832	32.8	954	2,103
328D CR 329D 329E 329F 330 330 GC 330F 335F CR 335	Pro Plus	Pin Grabber	652-2391	2A	4	741	29.2	928	36.5	946	2,085
			652-2393	2A	5	926	36.5	928	36.5	973	2,145
			652-2394	2A	6	1086	42.8	928	36.5	1003	2,211
			652-2395	2A	3	741	29.2	928	36.5	930	2,049
			652-2396	2A	4	926	36.5	928	36.5	957	2,110
			652-2397	2A	5	1086	42.8	928	36.5	982	2,165
			652-2398	2A	6	1206	47.5	928	36.5	1011	2,229
			652-2401	2A	6	1332	52.4	928	36.5	1019	2,247
			652-2403	1	4	800	31.5	910	35.8	933	2,058
	Pro	Pin-on	652-2404	1	4	926	36.5	832	32.8	679	1,497
			652-2405	1	5	1086	42.8	832	32.8	704	1,552
		Pin Grabber	652-2406	2A	4	926	36.5	928	36.5	732	1,614
			652-2407	2A	5	1086	42.8	928	36.5	760	1,676

*Distance from stick when stored.

Tooth Configurations

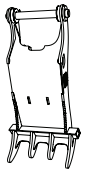
Standard Configuration

1



Configured to straddle the boom when retracted

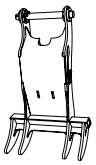
2A



2B

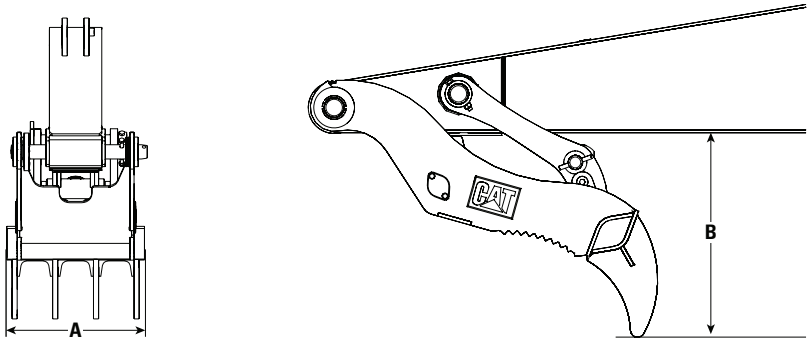


2C



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Pro Series Thumbs Specifications *(continued)*



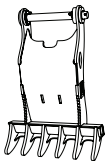
Machine	Thumb Style	Interface	Part No.	Tooth Configuration	Teeth Qty.	(A) Overall Width		(B) Stored Height*		Weight	
						mm	in	mm	in	kg	lb
330D	**Pro Plus**	Pin-on	652-2408	1	4	882	34.7	855	33.7	1189	2,621
336D			652-2410	1	6	1207	47.5	855	33.7	1247	2,749
336			652-2411	1	4	957	37.7	855	33.7	1195	2,635
336 GC			652-2412	1	5	1138	44.8	855	33.7	1226	2,703
336E		Pin Grabber	652-2424	1	4	843	33.2	1050	41.3	1237	2,727
336F			652-2425	1	5	1043	41.1	1050	41.3	1279	2,819
336E H			652-2426	1	6	1207	47.5	1050	41.3	1318	2,906
336F XE			652-2428	1	3	793	31.2	1050	41.3	1204	2,654
340F			652-2430	1	4	957	37.7	1050	41.3	1246	2,747
340			652-2431	1	5	1138	44.8	1050	41.3	1287	2,837
			652-2413	2B	2	843	33.2	1050	41.3	1181	2,604
			652-2415	2B	2	1043	41.1	1050	41.3	1194	2,632
			652-2417	2C	4	1207	47.5	1050	41.3	1263	2,784
			652-2418	2B	2	793	31.2	1050	41.3	1175	2,590
			652-2420	2B	2	957	37.7	1050	41.3	1189	2,621
			652-2421	2B	2	1138	44.8	1050	41.3	1203	2,652
			652-2434	1	4	873	34.4	881	34.7	1175	2,590
345D	**Pro Plus**	Pin Grabber	652-2435	1	4	955	37.6	1001	39.4	1391	3,067
349E			652-2436	1	5	1139	44.8	1001	39.4	1432	3,157
349F			652-2437	1	3	885	34.8	1001	39.4	1358	2,994
349			652-2438	1	4	885	34.8	1001	39.4	1385	3,053
350			652-2439	1	4	885	34.8	1001	39.4	1385	3,053
352F											
352											

**Distance from stick when stored.*

Tooth Configurations

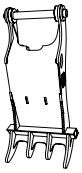
Standard Configuration

1



Configured to straddle the boom when retracted

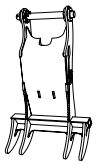
2A



2B



2C



Thumbs Technical Specifications

Thumbs for Variable Tooth Spacing Buckets

This Multi-bucket matching guide facilitates the selection of the appropriate thumb and buckets for scenarios where a single thumb is needed on the machine, while accommodating multiple bucket widths. This requires varied tooth placement on the bucket to ensure compatibility with the thumb tines. Discrepancies in bucket teeth spacing, whether equal or unequal, may marginally reduce performance or durability. Refer to the illustrations below for examples of "equal" and "unequal" tooth spacing on the bucket.

Equal

Bucket Teeth



Unequal

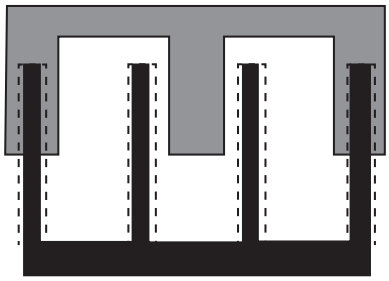
Bucket Teeth



In certain situations, the specified match must be a "Contact" match instead of the preferred "Mesh" match. This is necessary to maintain optimal durability and performance for the bucket and thumb and meet width requirements. The following examples illustrate "Contact" and "Mesh" matches.

Contact

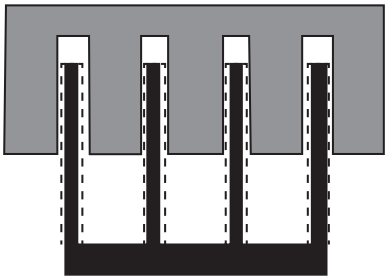
Bucket Teeth



Thumb Teeth

Mesh

Bucket Teeth



Thumb Teeth

The below table is for Pin Grabber configurations only.
For Hydraulic Requirements, refer to Pro Series thumb machine section for specific part numbers.

Choose Thumb to Match					*Choose Bucket*						
	Thumb		Min Stick					Tooth	Width		
Linkage	Part No.	Tooth Qty	Requirement	Bracket Gp		Part No.	Tooth Qty	Spacing	mm	(in)	Match Type
313	633-1715	4	2.5 m (8'2")	379-7029	General Duty	638-4357	3	Equal	616	(24)	Contact
						641-8289	5	Equal	766	(30)	Mesh
						638-4356	5	Unequal	921	(36)	Mesh
						637-8419	5	Unequal	1073	(42)	Mesh
					Clean Up	439-7298**	N/A	N/A	1530	(60)	Contact
	633-1719	3	2.5 m (8'2")	379-7029	General Duty	638-4357	3	Equal	616	(24)	Contact
						641-8289	5	Equal	766	(30)	Contact
						638-4360	4	Unequal	921	(36)	Mesh
						638-4359	6	Equal	1073	(42)	Mesh
					Clean Up	439-7298**	N/A	N/A	1530	(60)	Contact
317	633-1750	4	2.6 m (8'6")	370-8613	Heavy Duty	638-2799	3	Equal	670	(26)	Contact
						641-8292	4	Equal	765	(30)	Contact
						638-2798	5	Equal	913	(36)	Mesh
						637-7040	5	Unequal	1067	(42)	Mesh
					Clean Up	439-7303**	N/A	N/A	1530	(60)	Contact
	633-1749	3	2.6 m (8'6")	370-8613	Heavy Duty	638-2799	3	Equal	670	(26)	Contact
						641-8292	4	Equal	765	(30)	Mesh
						638-2800	4	Unequal	913	(36)	Mesh
						638-2801	6	Equal	1067	(42)	Mesh
					Clean Up	439-7303**	N/A	N/A	1530	(60)	Contact

** Bucket does not include pins. Spare pins will need to be ordered seperately.

(continued on next page)

Thumbs for Variable Tooth Spacing Buckets *(continued)*

This Multi-bucket matching guide facilitates the selection of the appropriate thumb and buckets for scenarios where a single thumb is needed on the machine, while accommodating multiple bucket widths. This requires varied tooth placement on the bucket to ensure compatibility with the thumb tines. Discrepancies in bucket teeth spacing, whether equal or unequal, may marginally reduce performance or durability. Refer to the illustrations below for examples of "equal" and "unequal" tooth spacing on the bucket.

Equal

Bucket Teeth



Unequal

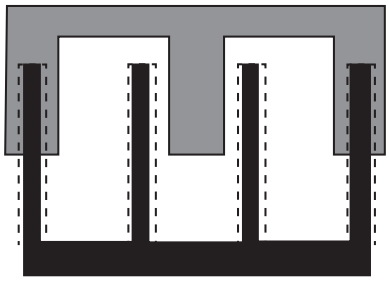
Bucket Teeth



In certain situations, the specified match must be a "Contact" match instead of the preferred "Mesh" match. This is necessary to maintain optimal durability and performance for the bucket and thumb and meet width requirements. The following examples illustrate "Contact" and "Mesh" matches.

Contact

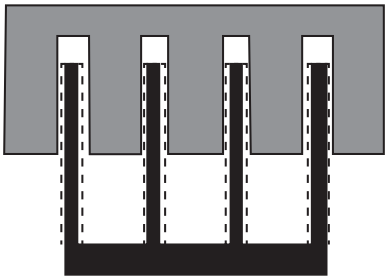
Bucket Teeth



Thumb Teeth

Mesh

Bucket Teeth



Thumb Teeth

The below table is for Pin Grabber configurations only.
For Hydraulic Requirements, refer to Pro Series thumb machine section for specific part numbers.

Choose Thumb to Match					*Choose Bucket*						
	Thumb		Min Stick					Tooth	Width		
Linkage	Part No.	Tooth Qty	Requirement	Bracket Gp		Part No.	Tooth Qty	Spacing	mm	(in)	Match Type
B	652-2335	4	2.9 m (9'6")	386-3919	Heavy Duty	638-6639*	3	Equal	683	(26)	Contact
						638-6632	4	Equal	790	(30)	Contact
						638-6623	5	Equal	938	(36)	Mesh
						637-8016	5	Unequal	1088	(42)	Mesh
						638-6636	5	Unequal	1240	(48)	Mesh
					Clean Up	486-4801**	N/A	N/A	1530	(60)	Contact
	652-2336	3	2.9 m (9'6")	386-3919	Heavy Duty	638-6639*	3	Equal	683	(26)	Contact
						638-6632	4	Equal	790	(30)	Mesh
						638-6644	4	Equal	938	(36)	Mesh
						638-6686	4	Unequal	1088	(42)	Mesh
						638-6711	6	Equal	1240	(48)	Mesh
					Clean Up	486-4801**	N/A	N/A	1530	(60)	Contact
CB1	652-2365	4	2.95 m (9'8")	386-3919	Heavy Duty	638-8338	3	Equal	848	(33)	Contact
						638-7724	4	Equal	935	(36)	Contact
						638-7706	5	Equal	1089	(42)	Mesh
						638-1685	5	Unequal	1241	(48)	Mesh
						638-7703	5	Unequal	1393	(54)	Mesh
					Clean Up	439-7314**	N/A	N/A	1830	(72)	Contact

*Thumb pin could drag on the side of the trench with this narrow bucket.
** Bucket does not include pins. Spare pins will need to be ordered seperately.

(continued on next page)

Thumbs for Variable Tooth Spacing Buckets *(continued)*

This Multi-bucket matching guide facilitates the selection of the appropriate thumb and buckets for scenarios where a single thumb is needed on the machine, while accommodating multiple bucket widths. This requires varied tooth placement on the bucket to ensure compatibility with the thumb tines. Discrepancies in bucket teeth spacing, whether equal or unequal, may marginally reduce performance or durability. Refer to the illustrations below for examples of "equal" and "unequal" tooth spacing on the bucket.

Equal

Bucket Teeth



Unequal

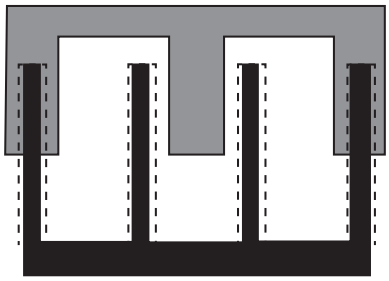
Bucket Teeth



In certain situations, the specified match must be a "Contact" match instead of the preferred "Mesh" match. This is necessary to maintain optimal durability and performance for the bucket and thumb and meet width requirements. The following examples illustrate "Contact" and "Mesh" matches.

Contact

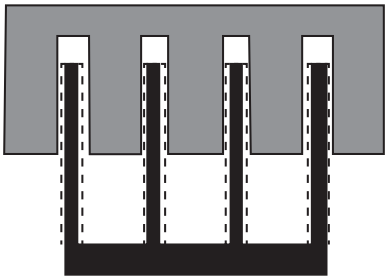
Bucket Teeth



Thumb Teeth

Mesh

Bucket Teeth



Thumb Teeth

The below table is for Pin Grabber configurations only.
For Hydraulic Requirements, refer to Pro Series thumb machine section for specific part numbers.

Choose Thumb to Match					*Choose Bucket*						
	Thumb		Min Stick					Tooth	Width		
Linkage	Part No.	Tooth Qty	Requirement	Bracket Gp		Part No.	Tooth Qty	Spacing	mm	(in)	Match Type
CB2	652-2403	4	3.2 m (10'6")	385-9614	Heavy Duty	638-8338	3	Equal	848	(33)	Contact
						638-7724	4	Equal	935	(36)	Contact
						638-7706	5	Equal	1089	(42)	Mesh
						638-1685	5	Unequal	1241	(48)	Mesh
						638-7703	5	Unequal	1393	(54)	Mesh
					Clean Up	439-7314**	N/A	N/A	1830	(72)	Contact
DB	652-2434	4	3.9 m (12'10")	*	Heavy Duty	638-7122	4	Equal	936	(36)	Contact
						638-0512	5	Equal	1242	(48)	Mesh
						638-7116	5	Unequal	1394	(54)	Mesh
					Clean Up	439-7323**	N/A	N/A	1830	(72)	Contact
TB	652-2439	4	3.9 m (12'10")	*	Heavy Duty	638-8385	5	Equal	1242	(48)	Mesh
						638-1253	5	Unequal	1394	(54)	Mesh
						638-8382	5	Unequal	1546	(60)	Mesh
					Clean Up	439-7330**	N/A	N/A	2010	(79)	Contact

*Refer to Pro Series thumb machine section for specific part numbers
** Bucket does not include pins. Spare pins will need to be ordered seperately.

Stiff Link Thumb Compatibility with Cat Machines

	Stiff Link Thumbs
Quick Couplers	
Cat Pin Grabber	✓
Dedicated	✓
Cat Excavators	
B, C, D, E, F Series and NGH	✓
Thumb-ready Stick Machines	
Cat Buckets	
C and D Series	✓
Next Generation	✓

Not compatible

Stiff Link Matching Guide

Machine	Linkage	Minimum Stick Length		Bucket					Thumb			
							Width		Pin-on		Pin Grabber	
		mm	ft/in	Type	Part No.	Tooth Qty.	mm	in	Part No.	Tooth Qty.	Part No.	Tooth Qty.
311D RR		2.5	8'2"	**General Duty**	571-2851	3	450	18	378-2320^	3	378-2323^	3
311F RR					571-2852	4	600	24	589-8364	3	589-8366	3
312D					571-2853	5	750	30	589-8368	4	589-8370	4
312E					571-2943	6	900	36	589-8364	3	589-8366	3
313F					571-2855	7	1050	42	589-8368	4	589-8370	4
313F GC					571-2856	7	1200	48	378-2321	4	378-2324	4
313				**General Duty with Wide Tips**	396-4830	4	450	18	589-8366^	3	378-2326^	3
313 GC					396-4831	5	600	24	589-8381^	4	589-8383^	4
314D					396-4832	7	900	36	589-8381^	4	589-8383^	4
314E					396-4833	8	1074	42	589-8381^	4	589-8383^	4
315F					396-4834	9	1226	48	437-2774^	5	589-8389^	5
315				**Severe Duty**	552-8140	3	600	24	378-2321^	4	378-2324^	4
315 GC					552-8141	4	750	30	589-8372	3	589-8374	3
M314*					552-8142	5	900	36	589-8376	4	589-8379	4
M315*					552-8143	5	1050	42	589-8376	4	589-8385	4

^Tooth to tooth contact, teeth do not mesh with bucket teeth.

*When using buckets and thumbs on wheeled excavators, machine stability is improved when the outriggers and blades are down and in contact with the ground.

(continued on next page)

Stiff Link Matching Guide *(continued)*

Machine	Linkage	Minimum Stick Length		Bucket					Thumb			
							Width		Pin-on		Pin Grabber	
		mm	ft/in	Type	Part No.	Tooth Qty.	mm	in	Part No.	Tooth Qty.	Part No.	Tooth Qty.
315D 316E 316F 317 317 GC 319 M313D* M314F* M315D* M316D* M316F* M318F* M318* M319*		2.9	9'6"	General Duty	552-8148	3	617	24	378-2324^	4	378-2327^	4
					552-8149	4	770	30	378-2323	4	378-2326	3
					552-8150	5	922	36	589-8381	4	589-8383	4
					552-8151	5	1074	42	589-8385	4	589-8387	4
					552-8152	6	1226	48	437-2774	5	589-8389	5
				General Duty with Wide Tips	552-8158	3	610	24	378-2324^	4	378-2327^	4
					552-8159	4	762	30	589-8381^	4	589-8383^	4
					552-8160	6	1067	42	589-8381^	4	589-8383^	4
					552-8161	7	1220	48	437-2774^	5	589-8389^	5
				Severe Duty	552-8170	3	619	24	378-2324^	4	378-2327^	4
					552-8171	4	770	30	589-8381^	4	589-8383^	4
					552-8172	5	924	36	589-8381	4	589-8383	4
					552-8173	5	1076	42	589-8385	4	589-8387	4
					552-8174	6	1228	48	437-2774	5	589-8389	5
318E 318F		2.6	8'6"	General Duty	552-8180	6	1220	48	437-2774	5	589-8389	5
				Heavy Duty	552-8182	3	619	24	378-2324^	4	378-2327^	4
					552-8183	4	770	30	378-2323	3	378-2326	3
					552-8184	5	924	36	589-8381	4	589-8383	4
					552-8185	5	1076	42	589-8385	4	589-8387	4
					552-8186	6	1220	48	437-2774	5	589-8389	5
				Severe Duty	552-8192	5	924	36	589-8381	4	589-8383	4
					552-8193	5	1076	42	589-8385	4	589-8387	4
319D M318D* M320F*		2.7	8'10"	General Duty	552-8196	3	600	24	378-2324^	4	378-2327^	4
				Heavy Duty	577-0331	4	900	36	589-8374	3	589-8387^	4
					577-0332	4	1050	42	589-8374	3		
					577-0333	5	1200	48	378-2324^	4	378-2327^	4
320 320 GC 320D 320E 320F 320D RR 320E RR 321D LCR 323 323F 325F CR 325 M322D* M322F* M322*	B	2.9	9'6"	General Duty	552-8206	3	600	24				
					552-8207	4	750	30	584-7229	3	584-7235^	4
					552-8208	5	900	36	584-7230	4	584-7235	4
					552-8209	5	1050	42	584-7232	4	378-2290	4
					552-8210	6	1200	48	435-8616	5	603-2227	5
					552-8211	7	1350	54	435-8616^	5	603-2227^	5
				General Duty with Wide Tips	552-8218	3	600	24	584-7229^	3	552-3263^	3
					552-8219	4	750	30	584-7229	3	378-2290^	4
					552-8220	5	900	36	584-7232^	4	378-2290^	4
					552-8221	6	1050	42	584-7230^	4	584-7235^	4
					552-8222	7	1200	48	584-7232^	4	378-2290^	4
					552-8223	8	1350	54	584-7230^	4	584-7235^	4

^Tooth to tooth contact, teeth do not mesh with bucket teeth.

*When using buckets and thumbs on wheeled excavators, machine stability is improved when the outriggers and blades are down and in contact with the ground.

Not available

(continued on next page)

Stiff Link Matching Guide *(continued)*

Machine	Linkage	Minimum Stick Length		Bucket					Thumb			
							Width		Pin-on		Pin Grabber	
		mm	ft/in	Type	Part No.	Tooth Qty.	mm	in	Part No.	Tooth Qty.	Part No.	Tooth Qty.
320	B	2.9	9'6"	**Heavy Duty**	552-8236	3	600	24				
320 GC					552-8237	4	750	30	584-7229	3	584-7235^	4
320D					552-8238	5	900	36	584-7230	4	584-7235	4
320E					552-8239	5	1050	42	584-7232	4	378-2290	4
320F					552-8240	6	1200	48	584-7229	3	603-2227	5
320D RR					552-8241	7	1350	54	435-8616^	5	603-2227^	5
320E RR				**Heavy Duty Power**	552-8259	5	1050	42	451-8568^	5	378-2290	4
321D LCR					552-8260	6	1200	48	435-8616	5	603-2227	5
323				**Severe Duty**	552-8248	3	600	24				
323F					552-8249	4	750	30	584-7229	3	584-7235^	4
325F CR					552-8250	5	900	36	584-7230	4	584-7235	4
325					552-8251	5	1050	42	584-7232	4	378-2290	4
M322D*					552-8252	6	1200	48	435-8616	5	603-2227	5
M322F*												
M322*												
324D	CB	2.95	9'8"	**General Duty**	552-8266	3	600	24				
324E					552-8267	4	750	30	584-7229	3	584-7237^	4
326F					552-8268	5	900	36	584-7230	4	584-7237	4
326					552-8269	5	1050	42	584-7232	4	378-2315	4
					552-8270	6	1200	48	584-7229	3	584-7237^	4
					552-8271	7	1350	54	584-7229^	3		
				General Duty with Wide Tips	552-8278	3	600	24	584-7229^	3	584-7237^	4
					552-8279	4	750	30	584-7230^	4	378-2315^	4
					552-8280	5	900	36	584-7229^	3	378-2315^	4
					552-8281	5	1050	42	584-7229^	3		
					552-8282	6	1200	48	584-7230^	4	378-2315^	4
					552-8283	7	1350	54	584-7229^	3	378-2315^	4
				Heavy Duty	541-1744	3	600	24	584-7230^	4	584-7237^	4
					541-1745	3	750	30	584-7232^	4	378-2315^	4
					541-1746	4	900	36	584-7232^	4	378-2315^	4
					541-1747	5	1050	42	584-7232	4	378-2315	4
					541-1748	5	1200	48	620-2777	4	584-7237^	4
					541-1750	6	1350	54	451-8568	5	378-2315^	4
					541-1752	7	1500	60	584-7232	4	378-2315	4
					550-2251	7	1650	66	584-7232	4	378-2315	4
				Heavy Duty Power	541-1759	5	1050	42	584-7232	4	378-2315	4
					541-1760	5	1200	48	451-8568^	5	584-7237^	4
					541-1761	6	1350	54	552-3263	3	378-2315^	4
				Severe Duty	541-1767	3	600	24	584-7230^	4	584-7237^	4
					541-1768	3	750	30	584-7232^	4	378-2315^	4
					541-1769	4	900	36	584-7232^	4	378-2315^	4
					541-1770	5	1050	42	584-7232	4	378-2315	4
					541-1771	5	1200	48	620-2777	4	584-7237^	4

^Tooth to tooth contact, teeth do not mesh with bucket teeth.

*When using buckets and thumbs on wheeled excavators, machine stability is improved when the outriggers and blades are down and in contact with the ground.

Not available

(continued on next page)

Stiff Link Matching Guide *(continued)*

Machine	Linkage	Minimum Stick Length		Bucket					Thumb			
							Width		Pin-on		Pin Grabber	
		mm	ft/in	Type	Part No.	Tooth Qty.	mm	in	Part No.	Tooth Qty.	Part No.	Tooth Qty.
328D CR **329D** **329E** **329F** **330** **330 GC** **330F** **335F CR** **335**	CB	3.2	10'6"	**General Duty**	552-8266	3	600	24			526-3076	2
					552-8267	4	750	30	584-7229	3	378-2292	3
					552-8268	5	900	36	584-7230	4	584-7237	4
					552-8269	5	1050	42	584-7232	4	378-2294	4
					552-8270	6	1200	48	584-7229	3	378-2292	3
					552-8271	7	1350	54	584-7229^	3	378-2292^	3
				General Duty with Wide Tips	552-8278	3	600	24	584-7229^	3	378-2292^	3
					552-8279	4	750	30	584-7230^	4	378-2294^	4
					552-8280	5	900	36	584-7229^	3	378-2294^	4
					552-8281	5	1050	42	584-7229^	3	378-2292^	4
					552-8282	6	1200	48	584-7230^	4	378-2294^	4
					552-8283	7	1350	54	584-7229^	3	378-2294^	4
				Heavy Duty	541-1744	3	600	24	580-7230^	4	526-3076	2
					541-1745	3	750	30	584-7232^	4	526-3076	2
					541-1746	4	900	36	584-7232^	4	378-2294^	4
					541-1747	5	1050	42	584-7232	4	378-2294	4
					541-1748	5	1200	48	620-2777	4	378-2293^	4
					541-1750	6	1350	54	451-8568	5	378-2294^	4
					541-1752	7	1500	60	584-7232	4	378-2294	4
					550-2251	7	1650	66	584-7232	4	378-2294	4
				Heavy Duty Power	541-1759	5	1050	42	584-7232	4	378-2294	4
					541-1760	5	1200	48	620-2777	4	378-2293^	4
					541-1761	6	1350	54	451-8568	5	552-3263	3
				Severe Duty	541-1767	3	600	24	584-7230^	4	526-3076	2
					541-1768	3	750	30	584-7232^	4	526-3076	2
					541-1769	4	900	36	584-7232^	4	378-2294^	4
					541-1770	5	1050	42	584-7232	4	378-2294	4
					541-1771	5	1200	48	620-2777	4	378-2293^	4

^Tooth to tooth contact, teeth do not mesh with bucket teeth.

(continued on next page)

Stiff Link Matching Guide *(continued)*

Machine	Linkage	Minimum Stick Length		Bucket					Thumb			
							Width		Pin-on		Pin Grabber	
		mm	ft/in	Type	Part No.	Tooth Qty.	mm	in	Part No.	Tooth Qty.	Part No.	Tooth Qty.
330D **336** **336 GC** **336D** **336E** **336F** **336E H** **336F XE** **340F** **340**	DB	3.2	10'6"	**General Duty**	540-4113	3	750	30	378-2401^	4	378-2404^	4
					540-4114	4	900	36	378-2400	3	378-2404^	4
					540-4115	5	1050	42	378-2401	4	378-2404	4
					540-4116	5	1200	48	378-2402	4	378-2405	4
					540-4117	6	1350	54	378-2400	3	378-2404^	4
					538-9467	7	1500	60	378-2401	4	378-2404	4
					540-4120	7	1650	66	378-2402	4	378-2405	4
				General Duty with Wide Tips	540-4084	3	800	32	378-2404^	4		
					540-4085	4	950	38	378-2404^	4		
					540-4086	5	1100	44	378-2400^	3	378-2405^	4
					540-4087	5	1250	50	378-2400^	3		
					540-4088	6	1400	56	378-2401^	4	378-2404^	4
					540-4089	7	1550	62	378-2400^	3	378-2405^	4
				Heavy Duty	528-4599	3	750	30	378-2401^	4	378-2404^	4
					528-4600	4	900	36	378-2401^	4	378-2404^	4
					528-4601	4	1050	42	378-2402^	4	378-2405^	4
					528-4602	5	1200	48	378-2402	4	378-2405	4
					528-4604	5	1350	54	631-3937	4	606-0749	4
					528-4606	6	1500	60	378-2402^	3	378-2404^	4
					528-4608	7	1650	66	378-2400^	3		
					528-4609	7	1800	72	378-2402	4	378-2405	4
				Heavy Duty Power	528-4628	4	900	36	378-2401^	4	378-2404^	4
					528-4629	5	1200	48	378-2402	4	378-2405	4
					528-4630	5	1350	54	631-3937	4	606-0749	4
					528-4631	6	1500	60	378-2402^	4	378-2404^	4
				Severe Duty	528-4639	3	750	30	378-2401^	4	378-2404^	4
					528-4640	4	900	36	378-2401^	4	378-2404^	4
					528-4641	4	1050	42	378-2402^	4	378-2405^	4
					528-4642	5	1200	48	378-2402	4	378-2405	4
					528-4643	5	1350	54	631-3937	4	606-0749	4

^Tooth to tooth contact, teeth do not mesh with bucket teeth.

Not available

(continued on next page)

Thumbs Technical Specifications

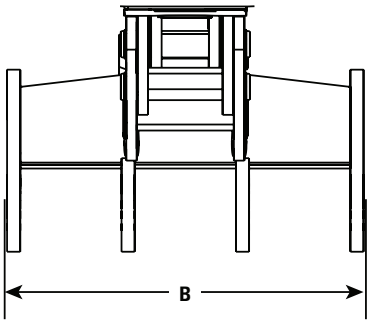
Stiff Link Matching Guide *(continued)*

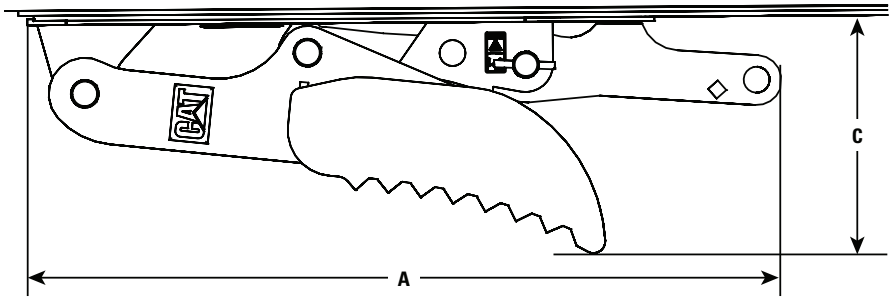
Machine	Linkage	Minimum Stick Length		Bucket					Thumb			
							Width		Pin-on		Pin Grabber	
		mm	ft/in	Type	Part No.	Tooth Qty.	mm	in	Part No.	Tooth Qty.	Part No.	Tooth Qty.
345D	TB	3.35	11'0"	**General Duty**	528-2158	3	750	30	435-8532^	3	378-2456^	4
349E					528-2159	4	900	36	443-4018^	4	378-2456^	4
349F					528-2160	4	1050	42	378-2452	3	378-2457^	4
349					528-2161	5	1200	48	443-4018	4	572-4271	4
350					528-2162	5	1350	54	378-2452^	3	378-2457	4
352F					528-2163	6	1500	60	378-2452	3	378-2457^	4
352					528-2164	7	1700	68	378-2452^	3	572-4271	4
					528-2165	7	1850	74	443-4018	4	378-2457	4
				General Duty with Wide Tips	528-2198	4	900	36	443-4018^	4	378-2456^	4
					528-2199	6	1350	54	443-4018^	4	378-2456^	4
					528-2200	6	1500	60	443-4018^	4	378-2457^	4
					528-2201	7	1650	66	378-2452^	3	378-2457^	4
					528-2202	7	1800	72	378-2452^	3		
					528-2203	8	1950	78	443-4018^	4	378-2456^	4
				Heavy Duty	528-2173	4	900	36	443-4018^	4	378-2456^	4
					528-2174	4	1050	42	378-2452	3	378-2457^	4
					528-2175	5	1200	48	443-4018	4	572-4271	4
					528-2176	5	1350	54	378-2452^	3	378-2457	4
					528-2177	6	1500	60	378-2452	3	378-2457^	4
					528-4551	7	1650	66				
					528-4552	7	1800	72	443-4018	4	378-2457	4
				Severe Duty	528-2190	3	750	30	435-8532^	3	378-2456^	4
					528-2191	4	900	36	443-4018^	4	378-2456^	4
					528-2192	4	1050	42	378-2452	3	378-2457^	4
					528-2193	5	1200	48	443-4018	4	572-4271	4
					518-9314	4	1400	55	435-8532	3		
					518-9315	5	1550	61	435-8532^	3	378-2456^	4
					518-9316	5	1700	67	443-4018^	4	378-2456^	4
					518-9317	6	1850	74	435-8532	3	378-2457^	4
				Extreme Duty	518-9318	4	1250	49	435-8532	3	378-2457^	4
					518-9319	4	1400	55	435-8532	3		

^Tooth to tooth contact, teeth do not mesh with bucket teeth.

Not available

Stiff Link Thumbs Specifications

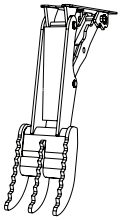




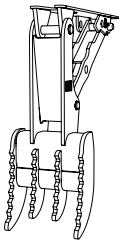
Machine	Linkage	Thumb Part No.	Tooth Configuration	Tooth Qty.	(A) Length		(B) Width		(C) Width		Weight	
					mm	in	mm	in	mm	in	kg	lb
311D RR/F RR, 312D/E, 313F, 313F GC, 313, 313 GC, 314D/E, 315D/F, 315, 315 GC, 316E/F, 317, 317 GC, 318E/F, 319, 319D, M313D, M314F, M314, M315D, M315, M316D/FM318D/F, M318, M320F		378-2320	1	3	1487	58.6	401	15.8	464	18.7	236	520
		378-2321	3	4	1487	58.6	545	21.5	477	18.8	260	573
		378-2323	1	3	1487	58.6	401	15.8	494	19.5	248	547
		378-2324	3	4	1486	58.5	545	21.5	494	19.5	273	601
		378-2326	1	3	1487	58.6	401	15.8	518	20.4	267	589
		378-2327	3	4	1487	58.6	545	21.4	518	20.4	292	643
		437-2774	3	5	1507	59.3	545	21.4	518	20.4	324	715
		589-8364	1	3	1487	58.6	345	13.6	477	18.8	245	539
		589-8366	1	3	1487	58.6	345	13.6	494	19.5	257	567
		589-8368	3	4	1487	58.6	505	19.9	477	18.8	270	596
		589-8370	3	4	1486	58.5	505	19.9	494	19.5	283	623
		589-8372	1	3	1487	58.6	512	20.2	477	18.8	258	570
		589-8374	1	3	1487	58.6	505	19.9	494	19.5	271	597
		589-8376	3	4	1487	58.6	664	26.1	477	18.8	285	629
		589-8379	3	4	1487	58.6	664	26.1	494	19.5	298	656
		589-8381	3	4	1487	58.6	595	23.4	494	19.5	291	642
		589-8383	3	4	1507	59.3	595	23.4	518	20.4	310	684
		589-8385	3	4	1487	58.6	715	28.1	494	19.5	302	667
		589-8387	3	4	1507	59.3	715	28.2	518	20.4	321	709
		589-8389	3	5	1487	58.6	868	34.2	518	20.4	348	767
320, 320 GC, 320D/E/F/D RR/E RR, 321D LCR, 323, 323F, 325F CR, 325, M322D/F, M322	B	378-2290	2	4	1918	75.5	732	28.8	580	22.8	499	1,099
		435-8616	3	5	1918	75.5	873	34.4	559	22.0	528	1,164
		552-3263	2	3	1918	75.5	496	19.5	580	22.8	462	1,019
		584-7229	1	3	1918	75.5	446	17.6	559	22.0	435	958
		584-7230	3	4	1918	75.5	596	23.5	559	22.0	454	1,000
		584-7232	3	4	1918	75.5	732	28.8	559	22.0	492	1,084
		584-7235	2	4	1918	75.5	596	23.5	580	22.8	468	1,032
		584-7237	2	4	1918	75.5	596	23.5	588	23.1	477	1,052
		603-2227	2	5	1918	75.5	873	34.4	580	22.8	538	1,186
		620-2777	3	4	1918	75.5	805	31.7	563	22.2	482	1,063

Tooth Configurations

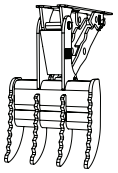
1



2



3

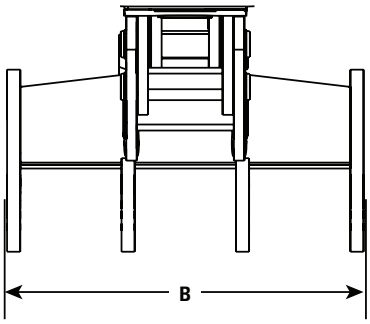


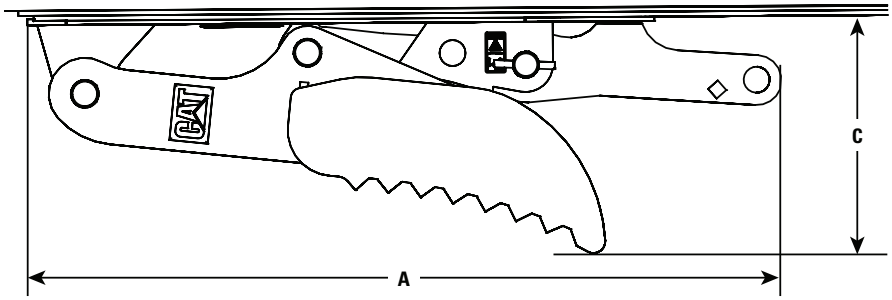
*Distance from stick when stored.

(continued on next page)

Thumbs Technical Specifications

Stiff Link Thumbs Specifications *(continued)*

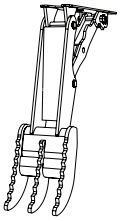




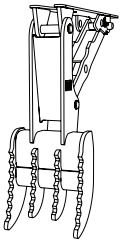
Machine	Linkage	Thumb Part No.	Tooth Configuration	Tooth Qty.	(A) Length		(B) Width		(C) Width		Weight	
					mm	in	mm	in	mm	in	kg	lb
324D/E, 326F, 326, 328D CR, 329D/E/F, 330, 330 GC, 330F, 335F CR, 335	CB	378-2315	2	4	1918	75.5	732	28.8	587	23.1	508	1,120
		378-2292	1	3	1918	75.5	460	18.1	587	23.1	452	996
		378-2293	3	4	1918	75.5	606	23.8	588	23.1	504	1,111
		378-2294	3	4	1918	75.5	732	28.8	588	23.1	521	1,149
		435-8616	3	5	1918	75.5	873	34.4	587	23.1	528	1,164
		451-8568	3	5	1918	75.5	990	39.0	587	23.1	544	1,200
		526-3076	1	2	1918	75.5	285	11.2	587	23.1	386	852
		584-7237	2	4	1918	75.5	596	23.5	587	23.1	477	1,052
324D/E-ME, 329D/E-ME, 330D, 336, 336 GC, 336D, 336E, 336E H, 336F XE, 340F, 340	DB	378-2400	1	3	2056	80.9	490	19.3	588	23.2	576	1,270
		378-2401	3	4	2055	80.9	729	28.7	560	22.1	636	1,402
		378-2402	3	4	2055	80.9	837	32.9	588	23.2	654	1,441
		378-2404	2	4	2056	80.9	729	28.7	617	24.3	669	1,474
		378-2405	2	4	2056	80.9	837	33.0	620	24.4	687	1,514
		606-0749	2	4	2056	80.9	897	35.3	655	25.8	715	1,577
		631-3937	3	4	2056	80.9	913	35.9	589	23.2	695	1,531
336D/E-ME, 345D, 349E/F, 349, 350, 352F, 352	TB	378-2452	1	3	2057	81.0	601	23.7	600	23.6	726	1,452
		378-2456	2	4	2057	81.0	756	29.8	703	27.7	845	1,858
		378-2457	2	4	2057	81.0	900	35.4	703	27.7	873	1,919
		435-8532	1	3	2057	81.0	702	27.6	600	23.6	761	1,677
		443-4018	3	4	2057	81.0	870	34.3	600	23.6	822	1,812
		572-4271	2	4	2057	81.0	818	32.2	600	23.6	865	1,907

Tooth Configurations

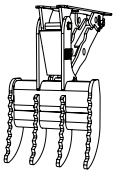
1



2



3



*Distance from stick when stored.

ME – Mass Excavation front

Utility Thumbs Compatibility with Cat Machines

	Utility (for 311-329)
Quick Couplers	
Cat Pin Grabber	✓
Dedicated	✓
Cat Excavators*	
D, E, F Series and NGH	✓
Thumb-ready Stick Machines	
Standard Cat Buckets	
C and D Series	✓
Next Generation	✓

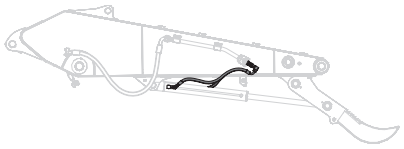
*Stick length requirement listed with matching chart.

Not compatible

Utility Thumbs Matching Guide and Installation Hardware Requirements

Choose thumb based on pin-on or pin grabber coupler configuration.
Utility Thumbs are sometimes specific to bucket type (standard or Wide Tip), but not bucket part number.
Utility Thumb part number includes mounting bracket.
Not compatible with Cat excavators with thumb-ready sticks.
Utility Thumbs require connector lines. They need to be ordered in addition to the thumb.

Utility Thumb Connector Lines: 428-5965



311D/F RR, 312D/E, 313F, 313F GC, 313, 313 GC, 314D/E, 315F, 315, 315 GC, M314*, M315*

Minimum Stick Length: 2.8 m (9'2")

	Thumb Part No.	
	Standard Cat Bucket	**Wide Tip Cat Bucket**
Pin-on	633-1764	633-1767
Pin Grabber	633-1765	633-1768

315B/C/D, 316E/F, 317, 317 GC, 319, M318*, M319*

Minimum Stick Length: 2.9 m (9'6")

	Thumb Part No.	
	Standard Cat Bucket	**Wide Tip Cat Bucket**
Pin-on	633-1767	633-1767
Pin Grabber	633-1768	633-1769

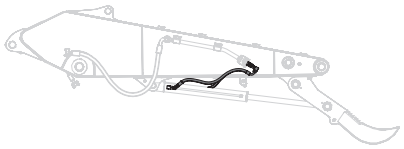
*When using buckets and thumbs on wheeled excavators, machine stability is improved when the outriggers and blades are down and in contact with the ground.

(continued on next page)

Utility Thumbs Matching Guide and Installation Hardware Requirements *(continued)*

Choose thumb based on pin-on or pin grabber coupler configuration.
Utility Thumbs are sometimes specific to bucket type (standard or Wide Tip), but not bucket part number.
Utility Thumb part number includes mounting bracket.
Not compatible with Cat excavators with thumb-ready sticks.
Utility Thumbs require connector lines. They need to be ordered in addition to the thumb.

Utility Thumb Connector Lines: 428-5965



318E/F

Minimum Stick Length: 3.1 m (10'2")

	Thumb Part No.	
	Standard Cat Bucket	**Wide Tip Cat Bucket**
Pin-on	633-1767	633-1767
Pin Grabber	633-1768	633-1769

318B/C, 319D, M318D*, M320F*

Minimum Stick Length: 2.7 m (8'10")

320, 320 GC, 320B/C/D/E/F, 321C/D, 322B/C, 323F, 323, 324D/E, 325F CR, 325, 326F, 326, M320*, M322D, M322F*

Minimum Stick Length: 2.9 m (9'6")

325C/D, 328D, 329D/E/F, 330, 330 GC, 330F, 335F CR

Minimum Stick Length: 3.2 m (10'6")

	Thumb Part No.	
	Standard Cat Bucket	**Wide Tip Cat Bucket**
Pin-on	633-1770	633-1770
Pin Grabber	633-1771	633-1771

*When using buckets and thumbs on wheeled excavators, machine stability is improved when the outriggers and blades are down and in contact with the ground.

Utility Thumbs Specifications

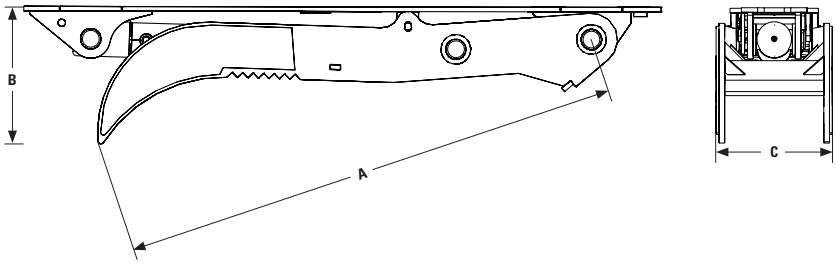
All Utility Hydraulic Thumbs feature two (2) teeth.

Thumb Tip Radius and Bucket Compatibility

Tip radius measurement in the chart below is the maximum tip radius allowed for compatibility with the thumb.

For pin-on machine configurations, this number should be compared to the bucket tip radius to determine compatibility.

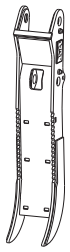
For machines with couplers, this number should be compared to the overall tip radius of the bucket and coupler together to determine compatibility.

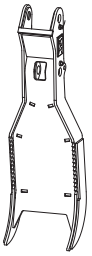


Machine	Interface	Thumb Part No.	Tooth Configuration	(A) Length		(B) Stored Height*		(C) Overall Width		Weight		Tip Radius	
				mm	in	mm	in	mm	in	kg	lb	mm	in
311D RR/F RR, 312D/E, 313F, 313F GC, 313, 313 GC, 314D/E, 315F, 315, 315 GC, M314, M315	Pin-on	633-1764	①	1344	52.9	515	20.3	355	14.0	341	751	1300	51.2
	Pin Grabber	633-1765	①	1562	61.5	502	19.7	355	14.0	353	770	1530	60.2
315D/F, 316E/F, 317, 317 GC, 318E/F, 319, M318, M319	Pin-on	633-1767	①	1524	60.0	501	19.7	355	14.0	386	850	1528	60.2
	Pin Grabber	633-1768	①	1710	67.3	500	19.7	355	14.0	403	889	1719	67.7
		633-1769	②	1797	70.7	500	19.7	521	20.5	424	934	1799	70.8
319D, 320, 320 GC, 320D, 320E/F, 320D RR, 320E RR, 321D LCR, 323, 323F, 324D, 324E, 325F CR, 326F, 326, 328D CR, 329D, 329E, 329F, 330, 330 GC, 330F, 335F CR, M318D, M320F, M320, M322D, M322F	Pin-on	633-1770	②	1721	67.7	497	19.6	600	23.6	439	968	1736	68.3
	Pin Grabber	633-1771	②	1960	77.2	497	19.6	612	24.1	488	1,075	1922	78.4

*Distance from stick when stored.

Tooth Configurations

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Replaces GEJQ2365-04
(N Am, S Am)