

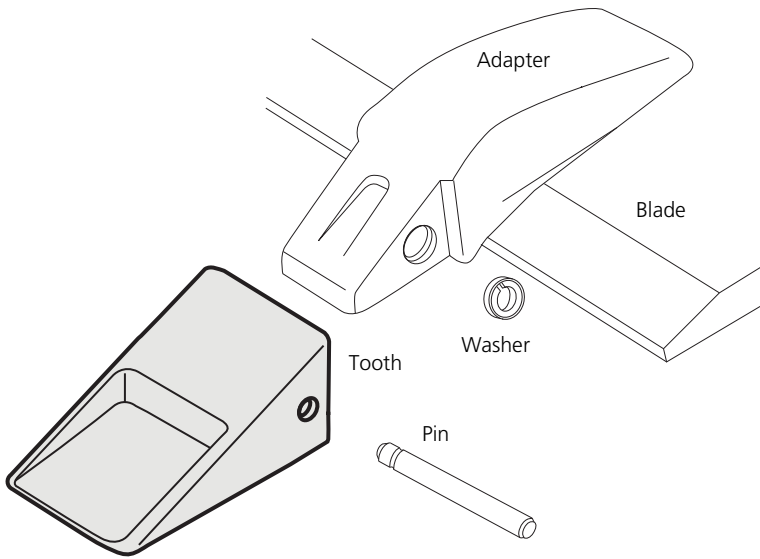
Caterpillar^{DRP}

Side Pin Teeth



The entire product range with this icon offers an alternative Futura.

Bold
Product on stock
Italic
Discontinued product.



Ton.	Diagram	Part Numbers	Weight
6,500-10,000	20-25 mm.	416, 426, 428, 910, 916, 920,	20
6,500-10,000	20-25 mm.	926, 933	22
10,000-20,000	25-32 mm.	936, 943, 950, 953, 963	25
20,000-23,000	32-40 mm.	966, 973, 977	30
25,000-63,500	38-50 mm.	980, 983, 988	35 40 46
63,500-90,000	50-64 mm.	992	55
90000-125000	64-75 mm.	375	60
125,000-170,000	64-120 mm.	994	70
> 170,000	> 102 mm.	994	80

EXCAVATOR / LOADER

Short	Long	Wide	Weight
1U-3201	1U-3202	-	20
-	6Y-3222	-	22
1U-3251	6Y-3222	3G-8250	25
1U-3301	1U-3302	<i>4T-1300</i>	30
1U-3351	1U-3302	<i>8J-3350</i>	35
<i>7T-3401</i>	1U-3302	<i>7T-3400</i>	40
9W-8451	9W-8452	8J-1450	46
9W-8551	9W-8552	7J-9550	55
-	6I-6602	-	60
-	4T-4702	-	70

EXCAVATOR

Long SYL	Penetration	Penetration Tiger	Penetration Twin Tiger	Rock Chisel	Penetration ARM	Weight
-	1U-3209	1U-3202 TL	1U-3202 WTL	-	-	20
-	<i>6Y-8229</i>	-	-	-	-	22
1U-3252 SYL	9J-4259	1U-3252 TL	1U-3252 WTL	-	-	25
1U-3302 SYL	9J-4309	1U-3302 TL	1U-3302 WTL	1U-3302 RC	-	30
1U-3352 SYL	9J-4359	1U-3352 TL	1U-3352 WTL	1U-3352 RC	119-9359	35
8E-4402 SYL	6Y-7409	7T-3402 TL	7T-3402 WTL	-	124-7409	40
9W-8452 SYL	9W-8459	1U-3452 TL	1U-3452 WTL	1U-3452 RC	116-7459	46
9W-8552 SYL	9W-8559	1U-3552 TL	1U-3552 WTL	1U-3552 RC	113-0559	55
-	7I-7609	6I-6602 TL	6I-6602 WTL	6I-6602 RC	119-9609	60
-	4T-4709	4T-4702 TL	-	-	-	70
-	117-6809	-	-	-	-	80

LOADER

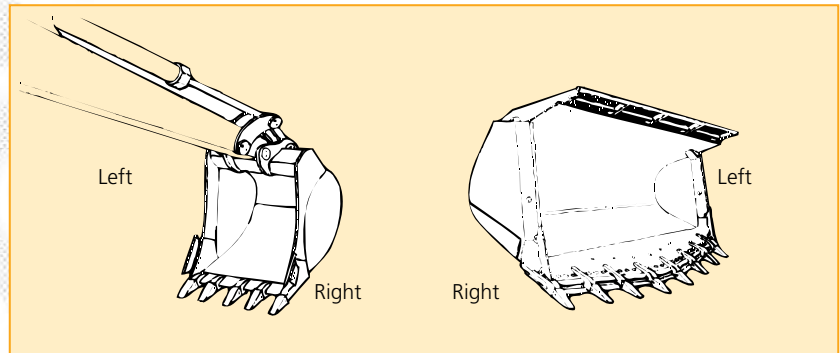
Abrasion	Abrasion HD	Abrasion RP	Penetration HD	Long HD	Long ARM	Weight
4T-2203	-	-	-	-	-	20
4T-2253	9N-4253	4T-2253 RP	9N-4252	-	-	25
4T-2303	9N-4303	4T-2303 RP	<i>135-9300</i>	9N-4302	<i>125-8302</i>	30
4T-2353	9N-4353	4T-2353 RP	<i>144-1358</i>	9N-4352	<i>135-9352</i>	35
-	-	7T-3403 RP	<i>135-9400</i>	-	<i>116-7402</i>	40
9W-1453	9N-4453	9W-1453 RP	<i>138-6451</i>	9N-4452	101-9054	46
9W-1553	6Y-2553	9W-1553 RP	<i>138-6552</i>	9N-4552	101-9055	55
-	6I-6603	6I-6603 RP	<i>135-9600</i>	7Y-0602	<i>107-8602</i>	60
4T-4703	-	<i>4T-4703 RP</i>	<i>135-9700</i>	-	<i>107-2001</i>	70
-	6I-8803	-	<i>135-9800</i>	-	-	80

Teeth

What you need to know

Buckets for excavators

Right and left hand are named from the **perspective of the cabin**.



How to find the size or family belonging to a tooth

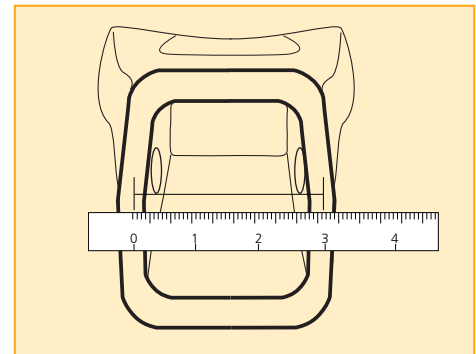
With a tape meter measure the width of the tooth on the backside (including the walls)

Example

3" (76 mm) Corresponds to **family 300**

3,5" (89 mm) Corresponds to **family 350**

5,5" (140 mm) Corresponds to **family 550**



How to find the size or family belonging to a worn tooth

With a tape meter take any of the measures shown on *fig. 1*, compare the results on table *fig. 2*

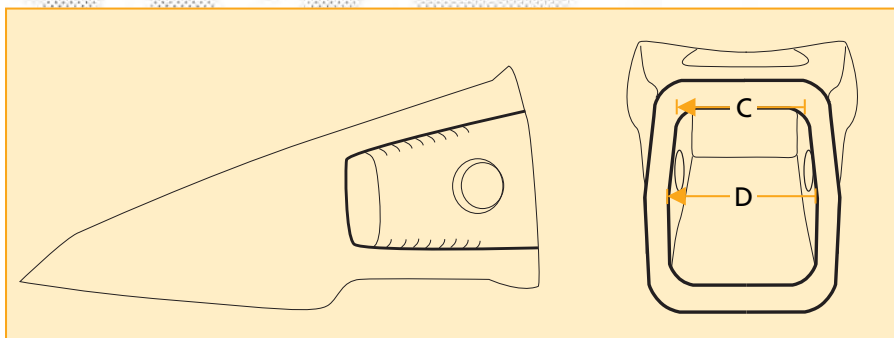


fig. 1

mm.				Size
A	B	C	D	
62	47	36	40	J200
71	60	44	49	J220
79	68	49	55	J250
89	77	60	67	J300
102	84	68	75	J350
113	93	80	88	J400
121	99	90	98	J450 / J460
142	110	110	119	J550
170	130	131	143	J600
180	155	144	155	J700
195	170	157	171	J800

fig. 2

What an original reference tells us

The fourth and fifth digit describe the size of the tooth.

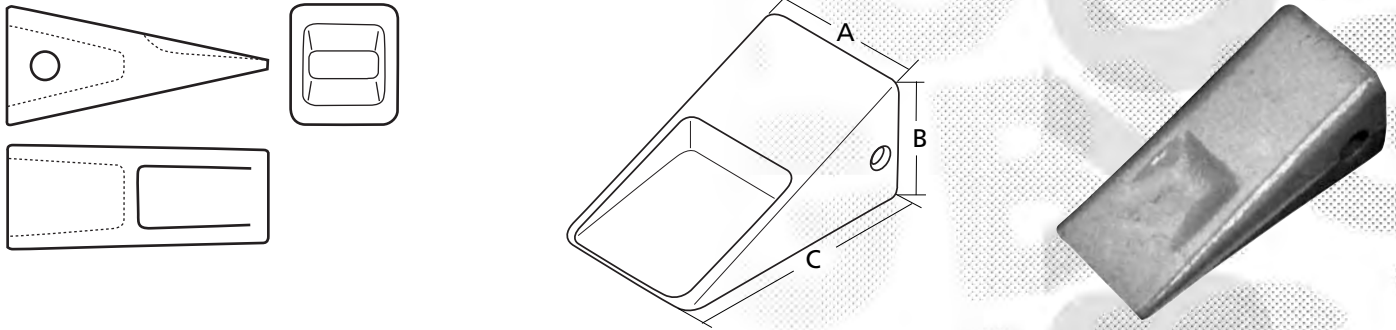
The last digit of the reference describes the shape of the tooth.

The most frequent shapes are:

- 1 = Short
- 2 = Long
- 3 = Abrasion

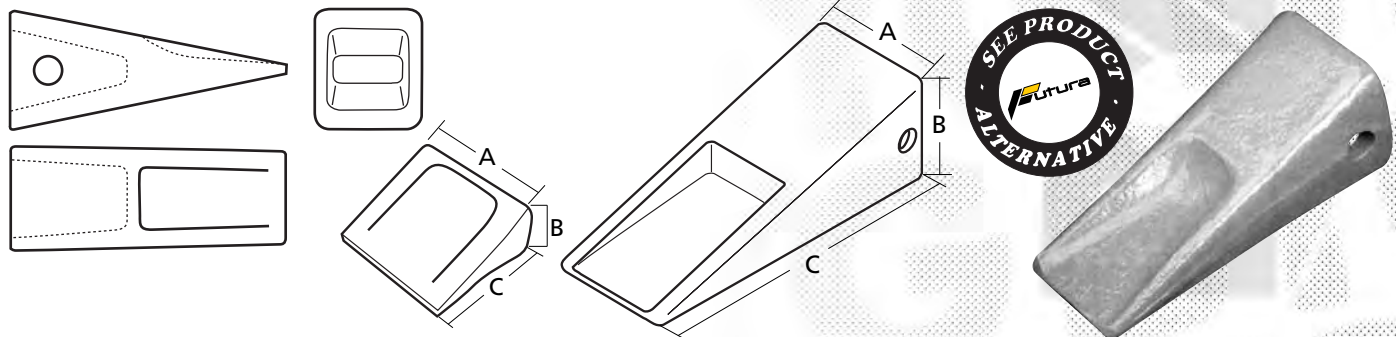
	Size	Shape
1 U 3	25	1
9 J 4	30	9
4 T 2	35	3
6 Y 7	40	9
9 N 4	46	9
9 N 4	55	2
7 I 7	60	9
4 T 4	70	9

Side Pin Teeth: Short



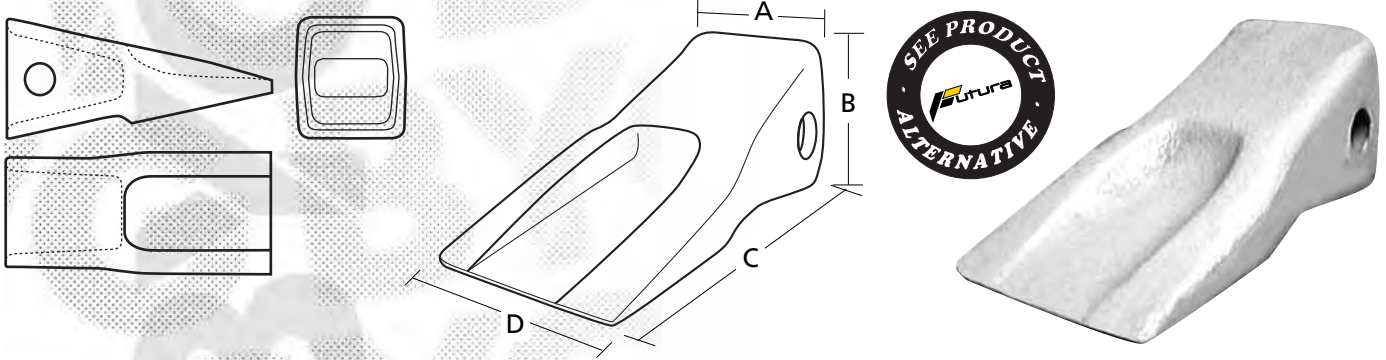
mm.			KG	Image	Image	Image	Image	Image	Image	Image	Image	Image	Image
A	B	C											
60 2,36"	64 2,52"	134 5,28"	1,30 2,87	1U-3201	8E-6208 1U-4208	8E-6209 4T-0001	4T-1204	8J-7525	-	-	9J-4207 8E-2184	20	
65 2,56"	73 2,87"	164 6,46"	2,29 5,05		1U-3251	8E-6258 9J-2258	8E-6259 3G-9609	1U-1254	3G-0169	-	6Y-3254	1U-0257	25
88 3,46"	100 3,94"	189 7,44"	4,09 9,02	1U-3301	107-3308 9J-2308	8E-6259 3G-9609	1U-1304	9J-8929	-	3G-6304 /05/06 8E-9490 /95/96	4T-4307 1U-0307 3G-9307	30	
97 3,82"	105 4,13"	203 7,99"	5,60 12,35	1U-3351	8E-6358 9J-2358	8E-6359 3G-9549	1U-1354	1U-1350	135-9354 /55/56 113-0354 /55/56	6I-6354 /55/56	3G-3357 1U-1357	35	
-	-	-	-	7T-3401	7T-3408	8E-8409	-	-	125-8404 /05/06	6I-6404 /05/06	6I-9898	40	
132 5,20"	126 4,96"	266 10,47"	11,50 25,35	9W-8451 1U-3451	8E-0468	8E-8469	8E-0464	-	114-0464 /65/66	6I-6464 /65/66 6I-6465 RH/66 LH	8E-2467	46	
153 6,02"	146 5,75"	290 11,42"	18,05 39,79	9W-8551 1U-3551	6Y-8558 1U-1558	8E-5559 3G-9559	7J-9554	-	107-3554 /55/56	6I-6554 /55/56 6I-6555 RH/56 LH	-	55	

Side Pin Teeth: Long



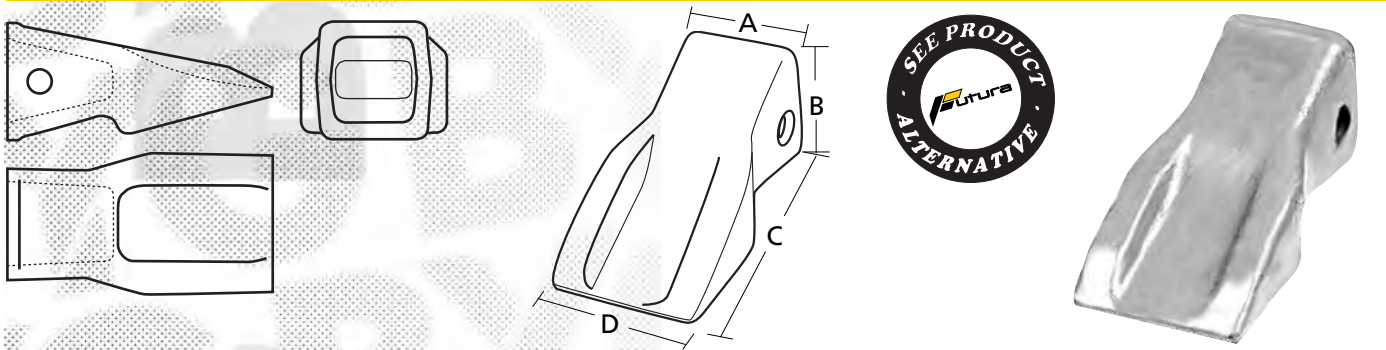
mm.			KG	Image	Image	Image	Image	Image	Image	Image	Image	Image	Image	
A	B	C												
61 2,40"	64 2,52"	145 5,71"	1,40 3,09	1U-3202	FC200 L	8E-6208 1U-4208	8E-6209 4T-0001	-	4T-1204	8J-7525	-	-	9J-4207 8E-2184	20
61 2,40"	74 2,91"	168 6,61"	2,10 4,63	6Y-3222	FC220 L	6Y-3228	8E-6259 3G-9609	-	-	-	6Y-3224	-	22	
73 2,87"	89 3,50"	198 7,80"	2,90 6,39	1U-3252	FC250 L	8E-6258 9J-2258	8E-6259 3G-9609	-	1U-1254	3G-0169	-	6Y-3254	1U-0257	25
84 3,31"	100 3,94"	215 8,46"	4,10 9,04	1U-3302	FC300 L	107-3308 9J-2308	8E-6259 3G-9609	-	1U-1304	9J-8929	-	3G-6304 /05/06 8E-9490 /95/96	4T-4307 1U-0307 3G-9307	30
100 4,57"	108 4,25"	240 9,45"	6,40 14,11	1U-3352	FC350 L	8E-6358 9J-2358	8E-6359 3G-9549	-	1U-1354	1U-1350	135-9354 /55/56 113-0354 /55/56	6I-6354 /55/56	3G-3357 1U-1357	35
116 4,57"	124 4,88"	263 10,35"	9,50 20,94	7T-3402	FC400 L	7T-3408	8E-8409	-	-	-	125-8404 /05/06	6I-6404 /05/06	6I-9898	40
124 5,75"	130 5,12"	293 11,54"	12,30 27,12	9W-8452 1U-3452	FC450 L	8E-0468	8E-8469	-	8E-0464	-	114-0464 /65/66	6I-6464 /65/66 6I-6465 RH/66 LH	8E-2467	46
146 5,75"	148 5,83"	338 13,31"	19,00 41,89	9W-8552 1U-3552	FC550 L	6Y-8558 1U-1558	8E-5559 3G-9559	-	7J-9554	-	107-3554 /55/56	6I-6554 /55/56 6I-6555 RH/56 LH	-	55
180 7,09"	190 7,48"	410 16,14"	30,40 67,02	6I-6602	FC600 L	6I-6608	6I-6609	-	-	-	119-8604/05/06	6I-6604 /05/06 6I-6605 RH/06 LH	-	60
180 7,09"	200 7,87"	415 16,34"	37,30 82,23	4T-4702	-	4T-4708	4T-4707	-	-	-	133-0704 /05/06 100-7416 /RH/LH	-	-	70

Side Pin Teeth: Abrasion



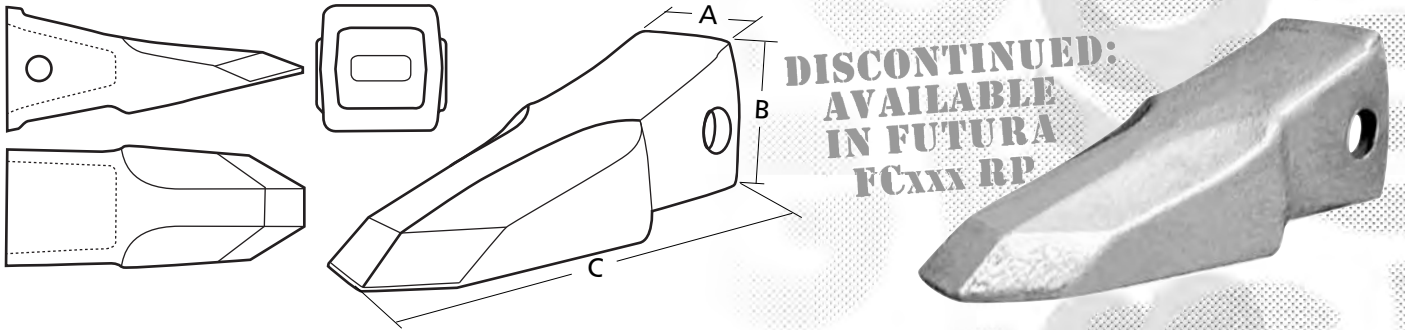
mm.				KG												
A	B	C	D													
61 2,40"	64 2,52"	146 5,75"	64 2,52"	1,23 2,71	4T-2203	FC200 RPL	8E-6208 1U-4208	8E-6209 4T-0001	4T-1204	8J-7525	-	-	9J-4207 8E-2184	20		
75 2,95"	86 3,39"	194 7,64"	83 3,27"	4,20 9,26	4T-2253	FC250 RPL	8E-6258 9J-2258	8E-6259 3G-9609	1U-1254	3G-0169	-	6Y-3254	1U-0257	25		
90 3,54"	99 3,90"	221 8,70"	101 3,98"	5,20 11,46	4T-2303	FC300 RPL	107-3308 9J-2308	8E-6259 3G-9609	1U-1304	9J-8929	-	3G-6304 /05/06 8E-9490 /95/96	4T-4307 1U-0307 3G-9307	30		
98 3,86"	108 4,25"	236 9,29"	109 4,29"	8,00 17,64	4T-2353	FC350 RPL	8E-6358 9J-2358	8E-6359 3G-9549	1U-1354	1U-1350	135-9354 /55/56 113-0354 /55/56	6I-6354 /55/56	3G-3357 1U-1357	35		
126 4,96"	130 5,12"	293 11,54"	137 5,39"	15,40 33,95	9W-1453	FC450 RPL	8E-0468	8E-8469	8E-0464	-	114-0464 /65/66	6I-6464 /65/66 6I-6465 RH/66 LH	8E-2467	46		
155 6,10"	153 6,02"	334 13,15"	176 6,93"	22,40 49,38	9W-1553	FC550 RPL	6Y-8558 1U-1558	8E-5559 3G-9559	7J-9554	-	107-3554 /55/56	6I-6554 /55/56 6I-6555 RH/56 LH	-	55		
203 7,99"	215 8,46"	417 16,42"	228 8,98"	49,00 108,02	4T-4703	FC700 RPL	4T-4708	4T-4707	-	-	133-0704 /05/06 100-7416 /RH/LH	-	-	70		

Side Pin Teeth: Heavy Duty Abrasion



mm.				KG												
A	B	C	D													
79 3,11"	94 3,70"	201 7,91"	91 3,58"	5,10 11,24	9N-4253	FC250 RP	8E-6258 9J-2258	8E-6259 3G-9609	1U-1254	3G-0169	-	6Y-3254	1U-0257	25		
84 3,31"	102 4,02"	226 8,90"	107 4,21"	7,68 16,93	9N-4303	FC300 RP	107-3308 9J-2308	8E-6259 3G-9609	1U-1304	9J-8929	-	3G-6304 /05/06 8E-9490 /95/96	4T-4307 1U-0307 3G-9307	30		
102 4,02"	115 4,53"	254 10,00"	122 4,80"	11,80 26,01	9N-4353	FC350 RP	8E-6358 9J-2358	8E-6359 3G-9549	1U-1354	1U-1350	135-9354 /55/56 113-0354 /55/56	6I-6354 /55/56	3G-3357 1U-1357	35		
133 5,24"	142 5,59"	310 12,20"	166 6,54"	21,80 48,06	9N-4453	FC450 RP	8E-0468	8E-8469	8E-0464	-	114-0464 /65/66	6I-6464 /65/66 6I-6465 RH/66 LH	8E-2467	46		
160 6,30"	160 6,30"	346 13,62"	190 7,48"	31,20 68,78	6Y-2553	FC550 RP	6Y-8558 1U-1558	8E-5559 3G-9559	7J-9554	-	107-3554 /55/56	6I-6554 /55/56 6I-6555 RH/56 LH	-	55		
197 7,76"	205 8,07"	413 16,26"	228 8,98"	55,6 122,57	6I-6603	FC600 RP	6I-6608	6I-6609	-	-	119-8604/05/06	6I-6604 /05/06 6I-6605 RH/06 LH	-	60		
244 9,61"	240 9,45"	474 18,66"	292 11,50"	102,50 225,97	6I-8803	FC800 RP	134-1808	134-1809	-	-	6I-8804	-	-	80		

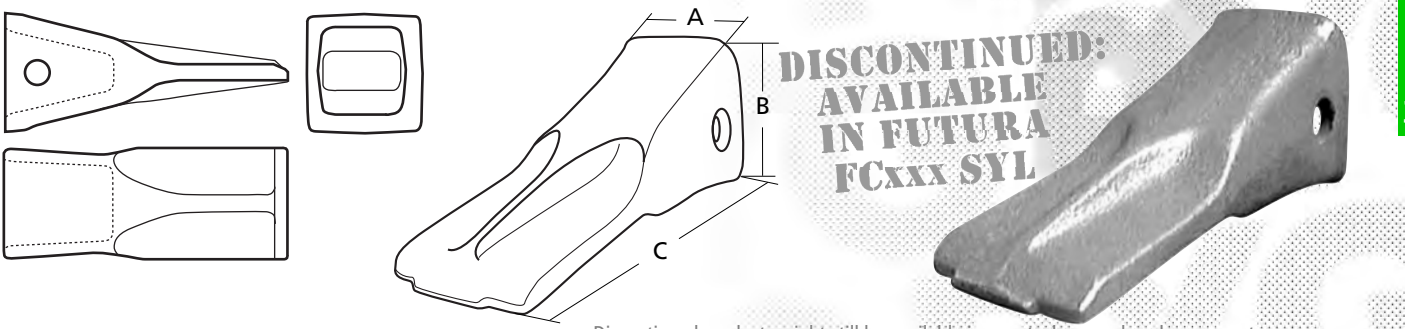
Side Pin Teeth: Rock Penetration



Discontinued products might still be available in our stock or produced on request

mm.																	
A	B	C	4T-2253 RP														
76 2,99"	93 3,66"	231 9,09"	5,20 11,46"		FC250 RP	8E-6258 9J-2258	8E-6259 3G-9609	1U-1254	3G-0169	-	6Y-3254	1U-0257	25				
89 3,50"	110 4,33"	258 10,16"	7,80 17,20"		FC300 RP	107-3308 9J-2308	8E-6259 3G-9609	1U-1304	9J-8929	-	3G-6304 /05/06 8E-9490 /95/96	4T-4307 1U-0307 3G-9307	30				
102 4,02"	108 4,25"	290 11,42"	10,70 23,59"		FC350 RP	8E-6358 9J-2358	8E-6359 3G-9549	1U-1354	1U-1350	135-9354 /55/56 113-0354 /55/56	6I-6354 /55/56	3G-3357 1U-1357	35				
119 4,69"	129 5,08"	320 12,60"	13,60 29,98"		FC400 RP	7T-3408	8E-8409	-	-	125-8404 /05/06	6I-6404 /05/06	6I-9898	40				
137 5,39"	148 5,83"	354 13,94"	21,70 47,84"		FC450 RP	8E-0468	8E-8469	8E-0464	-	114-0464 /65/66	6I-6464 /65/66 6I-6465 RH/66 LH	8E-2467	46				
160 6,30"	156 6,14"	367 14,45"	26,33 58,05"		FC550 RP	6Y-8558 1U-1558	8E-5559 3G-9559	7J-9554	-	107-3554 /55/56	6I-6554 /55/56 6I-6555 RH/56 LH	-	55				
197 7,76"	186 7,32"	451 17,76"	44,00 97,00"		FC600 RP	6I-6608	6I-6609	-	-	119-8604/05/06	6I-6604 /05/06 6I-6605 RH/06 LH	-	60				
200 7,87"	214 8,43"	496 19,53"	56,00 123,46"		FC700 RP	4T-4708	4T-4707	-	-	133-0704 /05/06 100-7416 /RH/LH	-	-	70				
-	-	-	-		6I-8803 RP	FC800 RP	134-1808	134-1809	-	-	6I-8804	-	-	80			

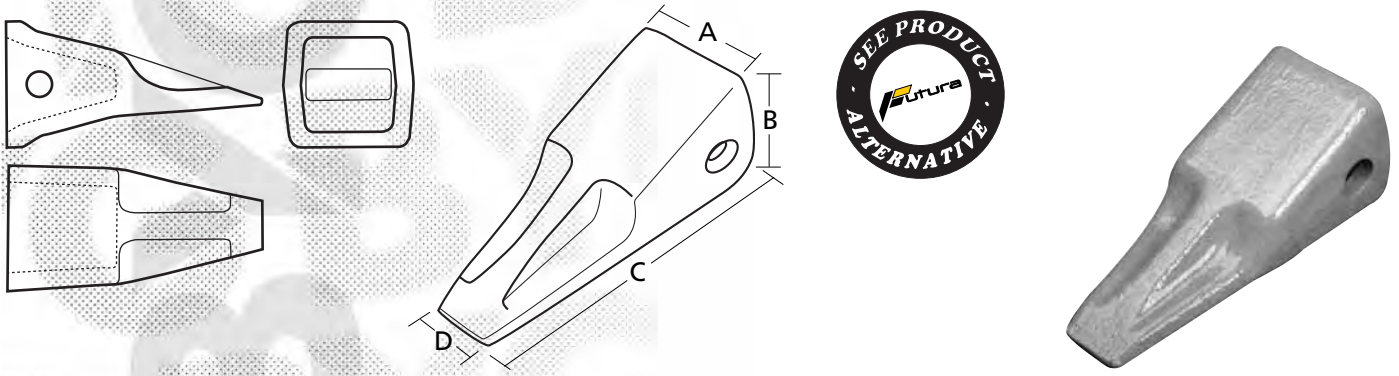
Side Pin Teeth: Esco SYL Style



Discontinued products might still be available in our stock or produced on request

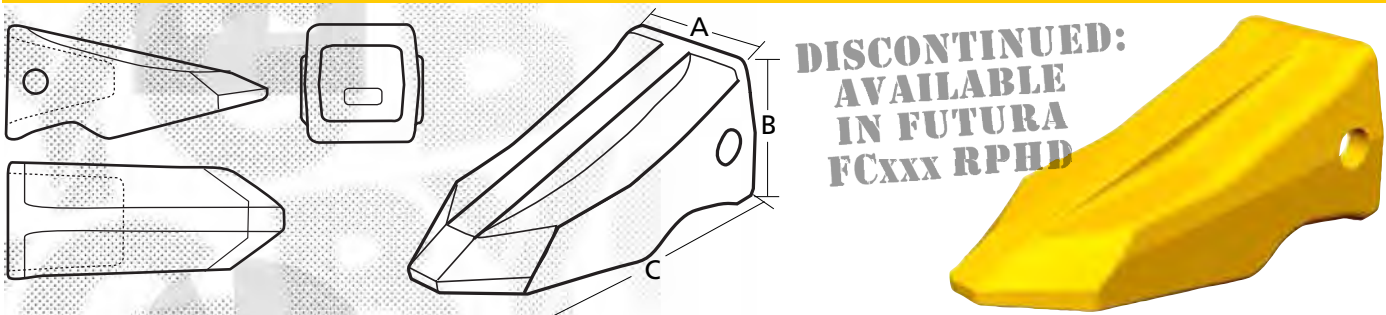
mm.																	
A	B	C	1U-3252 SYL														
-	-	-	-		FC200 SYL	8E-6208 1U-4208	8E-6208 4T-0001	4T-1204	8J-7525	-	-	9J-4207 8E-2184	20				
74 2,91"	90 3,54"	210 8,27"	3,25 7,16"		FC250 SYL	8E-6258 9J-2258	8E-6259 3G-9609	1U-1254	3G-0169	-	6Y-3254	1U-0257	25				
92 3,62"	104 4,09"	230 9,06"	4,40 9,70"		FC300 SYL	107-3308 9J-2308	8E-6259 3G-9609	1U-1304	9J-8929	-	3G-6304 /05/06 8E-9490 /95/96	4T-4307 1U-0307 3G-9307	30				
100 3,94"	115 4,53"	265 10,43"	6,70 14,77"		FC350 SYL	8E-6358 9J-2358	8E-6359 3G-9549	1U-1354	1U-1350	135-9354 /55/56 113-0354 /55/56	6I-6354 /55/56	3G-3357 1U-1357	35				
125 4,92"	134 5,28"	306 12,05"	13,00 28,66"		FC400 SYL	7T-3408	8E-8409	-	-	125-8404 /05/06	6I-6404 /05/06	6I-9898	40				
130 5,12"	143 5,63"	321 12,64"	13,50 29,76"		FC450 SYL	8E-0468	8E-8469	8E-0464	-	114-0464 /65/66	6I-6464 /65/66 6I-6465 RH/66 LH	8E-2467	46				
157 6,18"	154 6,06"	368 14,49"	21,20 46,74"		FC550 SYL	6Y-8558 1U-1558	8E-5559 3G-9559	7J-9554	-	107-3554 /55/56	6I-6554 /55/56 6I-6555 RH/56 LH	-	55				
-	-	-	-		FC600 SYL	6I-6608	6I-6609	-	-	119-8604/05/06	6I-6604 /05/06 6I-6605 RH/06 LH	-	60				

Side Pin Teeth: Penetration



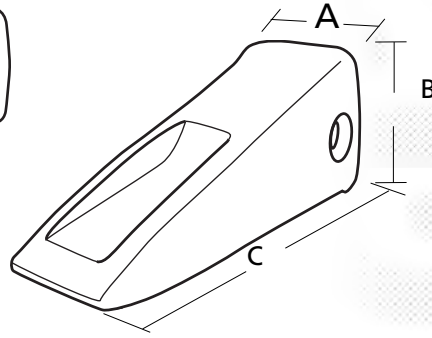
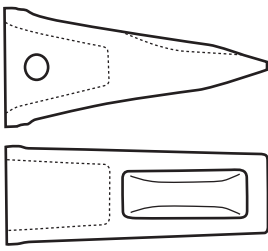
mm.				KG	Image	Futura Image	Image	Image	Image	Image	Image	Image	Image	Image	Image	Image	Image
A	B	C	D														
5,00" 0,20"	61 2,40"	146 5,75"	26 1,02"	1,00 2,20	1U-3209	-	8E-6208 1U-4208	8E-6209 4T-0001	4T-1204	8J-7525	-	-	9J-4207 8E-2184	20			
62 2,44"	75 2,95"	168 6,61"	29 1,14"	2,10 4,63	6Y-8229	-	6Y-3228	8E-6259 3G-9609	-	-	-	6Y-3224	-	22			
76 2,99"	87 3,43"	195 7,68"	32 1,26"	2,40 5,29	9J-4259	-	8E-6258 9J-2258	8E-6259 3G-9609	1U-1254	3G-0169	-	6Y-3254	1U-0257	25			
89 3,50"	104 4,09"	219 8,62"	37 1,46"	3,60 7,94	9J-4309	FC300 P	107-3308 9J-2308	8E-6259 3G-9609	1U-1304	9J-8929	-	3G-6304 /05/06 8E-9490 /95/96	4T-4307 1U-0307 3G-9307	30			
102 4,02"	112 4,41"	245 9,65"	46 1,81"	5,50 12,13	9J-4359	FC350 P	8E-6358 9J-2358	8E-6359 3G-9549	1U-1354	1U-1350	135-9354 /55/56 113-0354 /55/56	6I-6354 /55/56	3G-3357 1U-1357	35			
118 4,65"	127 5,00"	267 10,51"	54 2,13"	8,40 18,52	6Y-7409	FC400 P	7T-3408	8E-8409	-	-	125-8404 /05/06	6I-6404 /05/06	6I-9898	40			
128 5,04"	137 5,39"	292 11,50"	51 2,01"	10,50 23,15	9W-8459 9I4459	FC450 P	8E-0468	8E-8469	8E-0464	-	114-0464 /65/66	6I-6464 /65/66 6I-6465 RH/66 LH	8E-2467	46			
150 5,91"	142 5,59"	333 13,11"	61 2,40"	14,60 32,19	9W-8559 9I4559	FC550 P	6Y-8558 1U-1558	8E-5559 3G-9559	7J-9554	-	107-3554 /55/56	6I-6554 /55/56 6I-6555 RH/56 LH	-	55			
190 7,48"	183 7,20"	380 14,96"	84 3,31"	26,70 58,86	7I-7609	FC600 P	6I-6608	6I-6609	-	-	119-8604/05/06	6I-6604 /05/06 6I-6605 RH/06 LH	-	60			
209 8,23"	216 8,50"	317 12,48"	83 3,27"	39,00 85,98	4T-4709	FC700 P	4T-4708	4T-4707	-	-	133-0704 /05/06 100-7416 /RH/LH	-	-	70			
236 9,29"	239 9,41"	456 17,95"	105 4,13"	52,00 114,64	117-6809	-	134-1808	134-1809	-	-	6I-8804	-	-	80			

Side Pin Teeth: Penetration HD



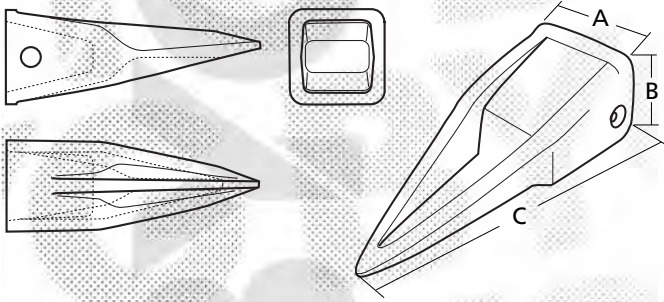
mm.				KG	Image	Futura Image	Image	Image	Image	Image	Image	Image	Image	Image	Image
A	B	C	D												
-	-	-	-	135-9300	FC300 RP	107-3308 9J-2308	8E-6259 3G-9609	1U-1304	9J-8929	-	3G-6304 /05/06 8E-9490 /95/96	4T-4307 1U-0307 3G-9307	30		
-	-	-	-	144-1358	FC350 RP	8E-6358 9J-2358	8E-6359 3G-9549	1U-1354	1U-1350	135-9354 /55/56 113-0354 /55/56	6I-6354 /55/56	3G-3357 1U-1357	35		
-	-	-	-	135-9400	FC400 RP	7T-3408	8E-8409	-	-	125-8404 /05/06	6I-6404 /05/06	6I-9898	40		
142 5,59"	150 5,91"	355 13,98"	23,40 51,59	138-6451	FC450 RPHD	8E-0468	8E-8469	8E-0464	-	114-0464 /65/66	6I-6464 /65/66 6I-6465 RH/66 LH	8E-2467	46		
160 6,30"	165 6,50"	387 15,24"	31,50 69,44	138-6552	FC550 RPHD	6Y-8558 1U-1558	8E-5559 3G-9559	7J-9554	-	107-3554 /55/56	6I-6554 /55/56 6I-6555 RH/56 LH	-	55		
190 7,48"	190 7,48"	433 17,05"	54,00 119,05	135-9600	FC600 RPHD	6I-6608	6I-6609	-	-	119-8604/05/06	6I-6604 /05/06 6I-6605 RH/06 LH	-	60		
203 7,99"	215 8,46"	508 20,00"	68,00 149,91	135-9700	FC700 RPHD	4T-4708	4T-4707	-	-	133-0704 /05/06 100-7416 /RH/LH	-	-	70		
-	-	-	-	135-9800	FC800 RPHD	134-1808	134-1809	-	-	6I-8804	-	-	80		

Side Pin Teeth: Heavy Duty Long

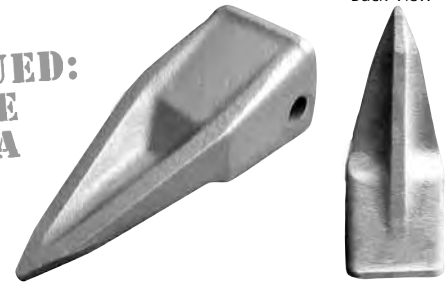


mm.																	
A	B	C															
-	-	-	-	-	-	FC200 RPL	8E-6208 1U-4208	8E-6209 4T-0001	4T-1204	8J-7525	-	-	9J-4207 8E-2184	20			
76,00" 2,99"	93 3,66"	202 7,95"	3,90 8,60	9N-4252	FC250 RPL	8E-6258 9J-2258	8E-6259 3G-9609	1U-1254	3G-0169	-	6Y-3254	1U-0257	25				
91 3,58"	105 4,13"	221 8,70"	5,90 13,01	9N-4302	FC300 RPL	107-3308 9J-2308	8E-6259 3G-9609	1U-1304	9J-8929	-	3G-6304 /05/06 8E-9490 /95/96	4T-4307 1U-0307 3G-9307	30				
100 3,94"	117 4,61"	255 10,04"	8,80 19,40	9N-4352	FC350 RPL	8E-6358 9J-2358	8E-6359 3G-9549	1U-1354	1U-1350	135-9354 /55/56 113-0354 /55/56	6I-6354 /55/56	3G-3357 1U-1357	35				
278 10,94"	130 5,12"	119 4,69"	12,00 26,46	8E-4402	FC400 RPL	7T-3408	8E-8409	-	-	125-8404 /05/06	6I-6404 /05/06	6I-9898	40				
134 5,28"	141 5,55"	316 12,44"	16,37 36,09	9N-4452	FC450 RPL	8E-0468	8E-8469	8E-0464	-	114-0464 /65/66	6I-6464 /65/66 6I-6465 RH/66 LH	8E-2467	46				
159 6,26"	160 6,30"	370 14,57"	24,60 54,23	9N-4552	FC550 RPL	6Y-8558 1U-1558	8E-5559 3G-9559	7J-9554	-	107-3554 /55/56	6I-6554 /55/56 6I-6555 RH/56 LH	-	55				
195 7,68"	189 7,44"	410 16,14"	40,80 89,95	7Y-0602	FC600 RPL	6I-6608	6I-6609	-	-	119-8604 /05/06	6I-6604 /05/06 6I-6605 RH/06 LH	-	60				

Side Pin Teeth: Tiger Long



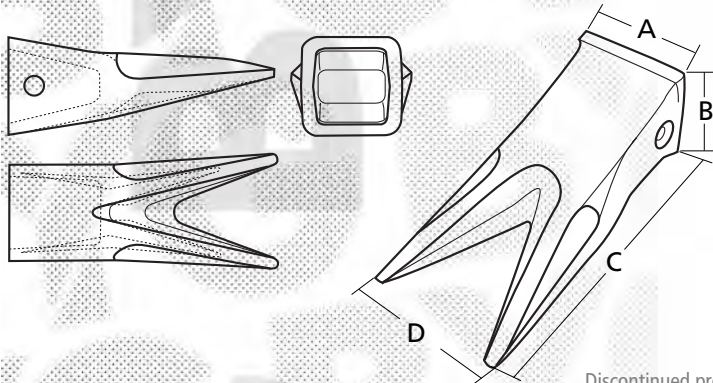
**DISCONTINUED:
AVAILABLE
IN FUTURA
FCxxx TL**



Discontinued products might still be available in our stock or produced on request

mm.			KG	Image	Futura											Image	mm
A	B	C			Image	Image	Image	Image	Image	Image	Image	Image	Image	Image	Image		
55 2,17"	58 2,28"	160 6,30"	1,20 2,65	1U-3202 TL	FC200 TL	8E-6208 1U-4208	8E-6209 4T-0001	4T-1204	8J-7525	-	-	9J-4207 8E-2184	20				
76 2,99"	89 3,50"	215 8,46"	2,60 5,73	1U-3252 TL 9W-8259	FC250 TL	8E-6258 9J-2258	8E-6259 3G-9609	1U-1254	3G-0169	-	6Y-3254	1U-0257	25				
86 3,39"	105 4,13"	241 9,49"	4,40 9,70	1U-3302 TL 9W-8309	FC300 TL	107-3308 9J-2308	8E-6259 3G-9609	1U-1304	9J-8929	-	3G-6304 /05/06 8E-9490 /95/96	4T-4307 1U-0307 3G-9307	30				
99 3,90"	108 4,25"	286 11,26"	6,20 13,67	1U-3352 TL 9W-8359	FC350 TL	8E-6358 9J-2358	8E-6359 3G-9549	1U-1354	1U-1350	135-9354 /55/56 113-0354 /55/56	6I-6354 /55/56	3G-3357 1U-1357	35				
115 4,53"	129 5,08"	325 12,80"	10,00 22,05	7T-3402 TL 6Y-5409	FC400 TL	7T-3408	8E-8409	-	-	125-8404 /05/06	6I-6404 /05/06	6I-9898	40				
134 5,28"	134 5,28"	353 13,90"	13,40 29,54	1U-3452 TL 7I-8459	FC450 TL	8E-0468	8E-8469	8E-0464	-	114-0464 /65/66	6I-6464 /65/66 6I-6465 RH/66 LH	8E-2467	46				
154 6,06"	149 5,87"	380 14,96"	16,60 36,60	1U-3552 TL 9W-6559	FC550 TL	6Y-8558 1U-1558	8E-5559 3G-9559	7J-9554	-	107-3554 /55/56	6I-6554 /55/56 6I-6555 RH/56 LH	-	55				
170 6,69"	184 7,24"	457 17,99"	33,90 74,74	6I-6602 TL 107-8609	FC600 TL	6I-6608	6I-6609	-	-	119-8604/05/06	6I-6604 /05/06 6I-6605 RH/06 LH	-	60				
200 7,87"	215 8,46"	505 19,88"	37,20 82,01	4T-4702 TL	FC700 TL	4T-4708	4T-4707	-	-	133-0704 /05/06 100-7416 /RH/LH	-	-	70				

Side Pin Teeth: Twin Tiger



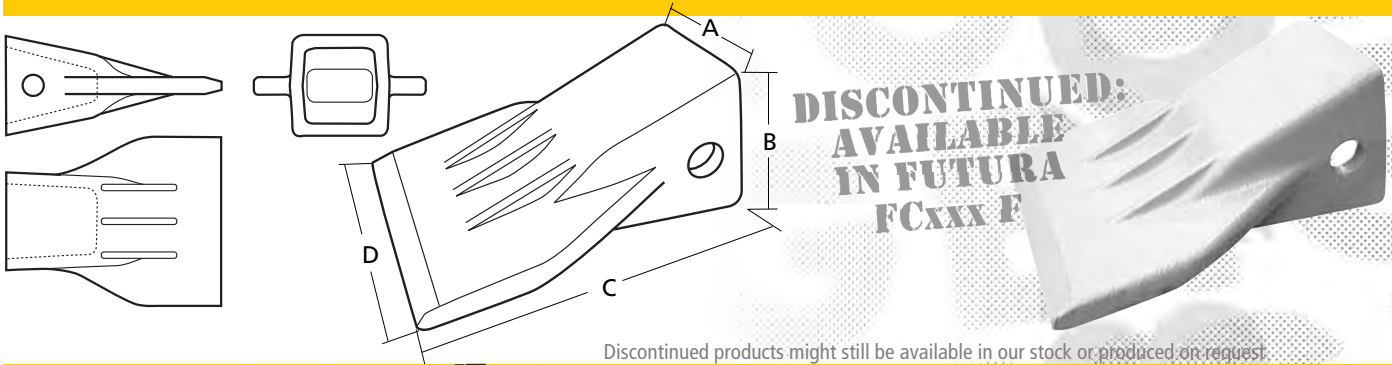
**DISCONTINUED:
AVAILABLE
IN FUTURA
FCxxx WTL**



Discontinued products might still be available in our stock or produced on request

mm.				KG	Image	Futura											Image	mm
A	B	C	D			Image	Image	Image	Image	Image	Image	Image	Image	Image	Image	Image		
55 2,17"	58 2,28"	155 6,10"	75 2,95"	1,30 2,87	1U-3202 WTL	FC200 WTL	8E-6208 1U-4208	8E-6209 4T-0001	4T-1204	8J-7525	-	-	9J-4207	20				
79 3,11"	90,5 3,56"	215 8,46"	90 3,54"	2,60 5,73	1U-3252 WTL 135-8258	FC250 WTL	8E-6258 9J-2258	8E-6259 3G-9609	1U-1254	3G-0169	-	6Y-3254	1U-0257	25				
85 3,35"	104 4,09"	242 9,53"	104 4,09"	4,40 9,70	1U-3302 WTL 135-9308	FC300 WTL	107-3308 9J-2308	8E-6259 3G-9609	1U-1304	9J-8929	-	3G-6304 /05/06 8E-9490 /95/96	4T-4307 1U-0307 3G-9307	30				
100 3,94"	108 4,25"	287 11,30"	122 4,80"	6,20 13,67	1U-3352 WTL 135-9357	FC350 WTL	8E-6358 9J-2358	8E-6359 3G-9549	1U-1354	1U-1350	135-9354 /55/56 113-0354 /55/56	6I-6354 /55/56	3G-3357 1U-1357	35				
115 4,53"	129 5,08"	320 12,60"	141 5,55"	11,00 24,25	7T-3402 WTL	FC400 WTL	7T-3408	8E-8409	-	-	125-8404 /05/06	6I-6404 /05/06	6I-9898	40				
133 5,24"	134 5,28"	354 13,94"	158 6,22"	13,40 29,54	1U-3452 WTL 138-6458	FC450 WTL	8E-0468	8E-8469	8E-0464	-	114-0464 /65/66	6I-6464 /65/66 6I-6465 RH/66 LH	8E-2467	46				
154 6,06"	148 5,83"	377 14,84"	183 7,20"	16,60 36,60	1U-3552 WTL 138-6558	FC550 WTL	6Y-8558 1U-1558	8E-5559 3G-9559	7J-9554	-	107-3554 /55/56	6I-6554 /55/56 6I-6555 RH/56 LH	-	55				
196 7,72"	185 7,28"	462 18,19"	235 9,25"	37,00 81,57	6I-6602 WTL	FC600 WTL	6I-6608	6I-6609	-	-	119-8604 /05/06	6I-6604 /05/06 6I-6605 RH/06 LH	-	60				
-	-	-	-	-	-	FC700 WTL	4T-4708	4T-4707	-	-	133-0704 /05/06 100-7416 /RH/LH	-	-	70				

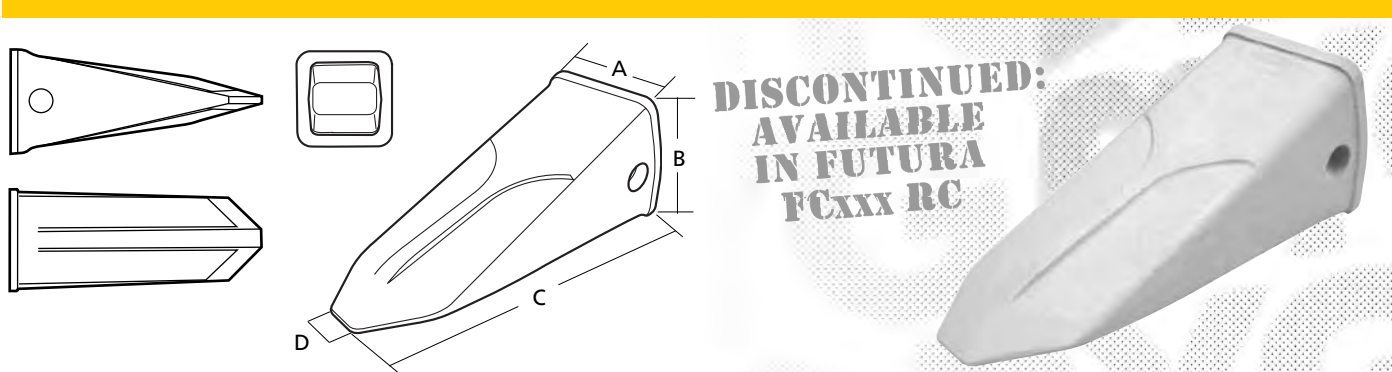
Side Pin Teeth: Wide



Discontinued products might still be available in our stock or produced on request

mm.				KG	Futura	Futura										mm
A	B	C	D			FC200 F	8E-6208 1U-4208	8E-6209 4T-0001	4T-1204	8J-7525	-	-	9J-4207	20		
73 2,87"	86 3,39"	196 7,72"	113 4,45"	3,20 7,05	3G-8250	FC250 F	8E-6258 9J-2258	8E-6259 3G-9609	1U-1254	3G-0169	-	6Y-3254	1U-0257	25		
-	-	-	-	-	4T-1300	FC300 F	107-3308 9J-2308	8E-6259 3G-9609	1U-1304	9J-8929	-	3G-6304 /05/06 8E-9490 /95/96	4T-4307 1U-0307 3G-9307	30		
-	-	-	-	-	8J-3350	FC350 F	8E-6358 9J-2358	8E-6359 3G-9549	1U-1354	1U-1350	135-9354 /55/56 113-0354 /55/56	6I-6354 /55/56	3G-3357 1U-1357	35		
-	-	-	-	-	7T-3400	FC400 F	7T-3408	8E-8409	-	-	125-8404 /05/06	6I-6404 /05/06	6I-9898	40		
134 5,28"	134 5,28"	285 11,22"	230 9,06"	14,60 32,19	8J-1450	FC450 F	8E-0468	8E-8469	8E-0464	-	114-0464 /65/66	6I-6464 /65/66 6I-6465 RH/66	8E-2467	46		
-	-	-	-	24,8 54,67	7J-9550	FC550 F	6Y-8558 1U-1558	8E-5559 3G-9559	7J-9554	-	107-3554 /55/56	6I-6554 /55/56 6I-6555 RH/56 LH	-	55		

Side Pin Teeth: Rock Chisel RC



Discontinued products might still be available in our stock or produced on request

mm.				KG	Futura	Futura										mm
A	B	C	D			FC200 RC	8E-6208 1U-4208	8E-6209 4T-0001	4T-1204	8J-7525	-	-	9J-4207	20		
-	-	-	-	-	-	FC250 RC	8E-6258 9J-2258	8E-6259 3G-9609	1U-1254	3G-0169	-	6Y-3254	1U-0257	25		
85 3,35"	101 3,98"	150 5,91"	30 1,18"	5,18 11,42	1U-3302 RC	FC300 RC	107-3308 9J-2308	8E-6259 3G-9609	1U-1304	9J-8929	-	3G-6304 /05/06 8E-9490 /95/96	4T-4307 1U-0307 3G-9307	30		
95 3,74"	105 4,13"	280 11,02"	35 1,38"	7,90 17,42	1U-3352 RC	FC350 RC	8E-6358 9J-2358	8E-6359 3G-9549	1U-1354	1U-1350	135-9354 /55/56 113-0354 /55/56	6I-6354 /55/56	3G-3357 1U-1357	35		
-	-	-	-	-	-	FC400 RC	7T-3408	8E-8409	-	-	125-8404 /05/06	6I-6404 /05/06	6I-9898	40		
130 5,12"	135 5,31"	345 13,58"	35 1,38"	14,20 31,31	1U-3452 RC	FC450 RC	8E-0468	8E-8469	8E-0464	-	114-0464 /65/66	6I-6464 /65/66 6I-6465 RH/66 LH	8E-2467	46		
150 5,91"	150 5,91"	390 15,35"	50 1,97"	23,30 51,37	1U-3552 RC	FC550 RC	6Y-8558 1U-1558	8E-5559 3G-9559	7J-9554	-	107-3554 /55/56	6I-6554 /55/56 6I-6555 RH/56 LH	-	55		
190 7,48"	160 6,30"	480 18,90"	75 2,95"	39,50 87,08	6I-6602 RC	FC600 RC	6I-6608	6I-6609	-	-	119-8604/05/06	6I-6604 /05/06 6I-6605 RH/06 LH	-	60		
-	-	-	-	-	-	FC700 RC	4T-4708	4T-4707	-	-	133-0704 /05/06 100-7416 /RH/	-	-	70		

ARM

Abrasion Resistant Material

What is ARM?

ARM (Abrasion Resistant Material) is a coating made of **extremely hard Tungsten particles** (note that Tungsten is harder than Quartz and Topaz).

The ARM coating forms a **protective shield over key wearing surfaces**. ARM coating is bondable to practically any tip, blade or wear part manufactured by BYG. The ARM coating is recommended for applications where sand, gravel and other abrasive materials severely diminish wear parts life.

Economy

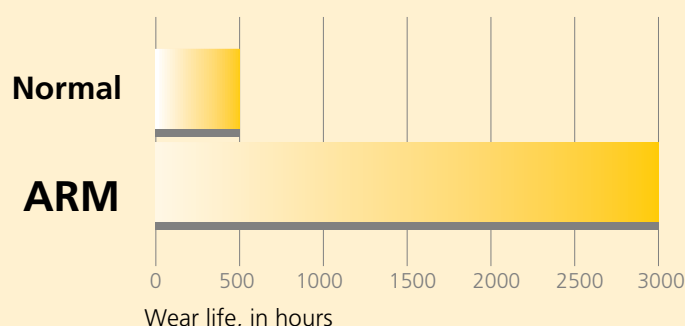
ARM protects components from wear in critical areas. Compared with non-ARM components, **ARM protected parts can last up to 3-5 times longer** in high abrasion/low to moderate impact conditions. This represents a substantial saving on total operating costs. ARM delivers dramatically lower costs per hour in appropriate applications.

Price of ARM coated components is less than twice the price of a non coated component. ARM enhanced wear patterns improve penetration and help your machines do more work each hour, which increases your productivity and therefore your profitability. Long wear life means you'll spend less time replacing wear parts, which help reduce total operating costs.

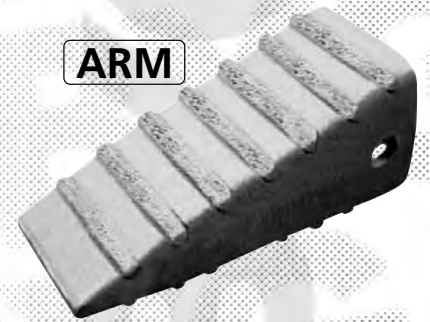
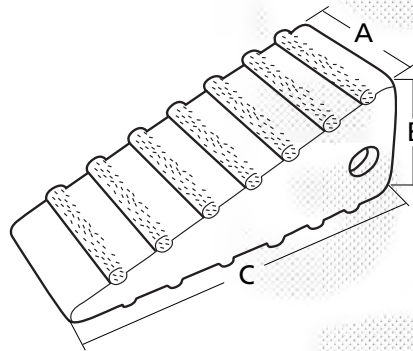
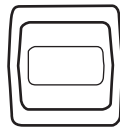
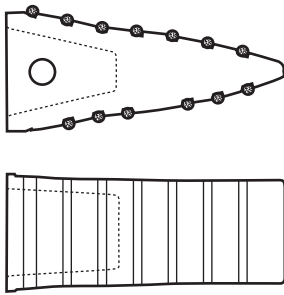
Applications

ARM cutting edges work best in high abrasion/low to moderate impact applications. Please do ask us for advise on the use of ARM components on your environment.

Field Performance

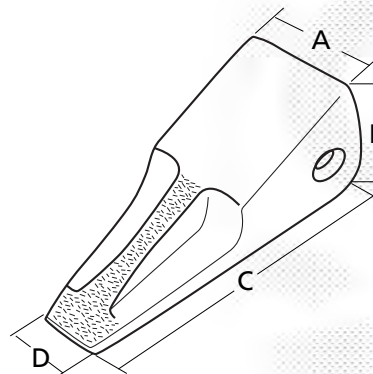
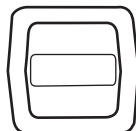
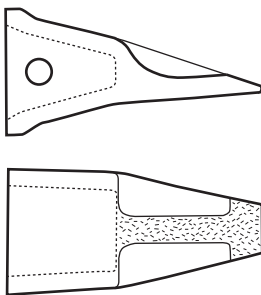


Side Pin Teeth: Heavy Duty ARM



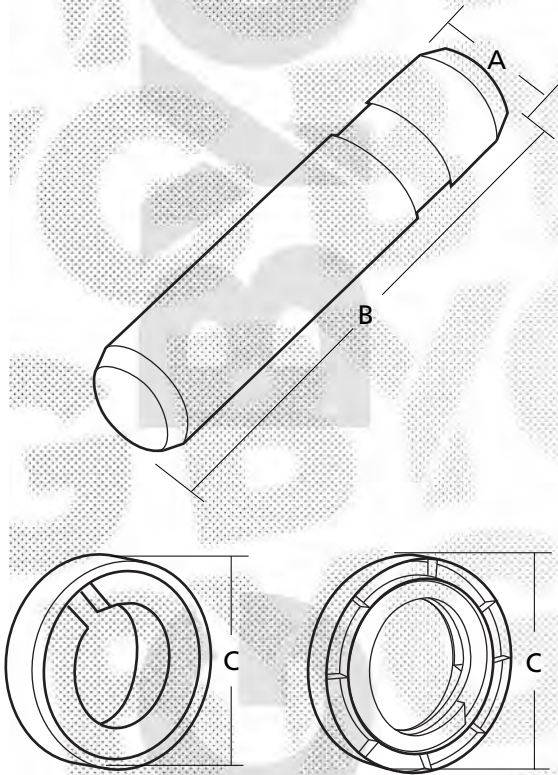
mm.														30
A	B	C												
-	-	-	-		125-8302	107-3308 9J-2308	8E-6259 3G-9609	1U-1304	9J-8929	-	3G-6304 /05/06 8E-9490 /95/96	4T-4307 1U-0307 3G-9307		
-	-	-	-		135-9352	8E-6358 9J-2358	8E-6359 3G-9549	1U-1354	1U-1350	135-9354 /55/56 113-0354 /55/56	6I-6354 /55/56	3G-3357 1U-1357		35
-	-	-	-		116-7402	7T-3408	8E-8409	-	-	125-8404 /05/06	6I-6404 /05/06	6I-9898		40
134 5,28"	141 5,55"	316 12,44"	19,40 42,77"		101-9054	8E-0468	8E-8469	8E-0464	-	114-0464 /65/66	6I-6464 /65/66 6I-6465 RH/66 LH	8E-2467		46
159 6,26"	160 6,30"	370 14,57"	24,00 52,91"		101-9055	6Y-8558 1U-1558	8E-5559 3G-9559	7J-9554	-	107-3554 /55/56	6I-6554 /55/56 6I-6555 RH/56 LH	-		55
-	-	-	-		107-8602	6I-6608	6I-6609	-	-	119-8604/05/06	6I-6604 /05/06 6I-6605 RH/06 LH	-		60
-	-	-	-		107-2001	4T-4708	4T-4707	-	-	133-0704 /05/06 100-7416 /RH/LH	-	-		70





Side Pin Teeth: Penetration ARM



mm.														35
A	B	C	D											
102 4,02"	112 4,41"	245 9,65"	46 1,81"	5,50 12,13"		119-9359	8E-6358 9J-2358	8E-6359 3G-9549	1U-1354	1U-1350	135-9354 /55/56 113-0354 /55/56	6I-6354 /55/56	3G-3357 1U-1357	
118 4,65"	127 5,00"	267 10,51"	54 2,13"	8,40 18,52"		124-7409	7T-3408	8E-8409	-	-	125-8404 /05/06	6I-6404 /05/06	6I-9898	40
128 5,04"	137 5,39"	292 11,50"	51 2,01"	11,30 24,91"		116-7459	8E-0468	8E-8469	8E-0464	-	114-0464 /65/66	6I-6464 /65/66 6I-6465 RH/66 LH	8E-2467	46
150 5,91"	142 5,59"	333 13,11"	61 2,40"	14,60 32,19"		113-0559	6Y-8558 1U-1558	8E-5559 3G-9559	7J-9554	-	107-3554 /55/56	6I-6554 /55/56 6I-6555 RH/56 LH	-	55
190 7,48"	183 7,20"	380 14,96"	84 3,31"	28,50 62,83"		119-9609	6I-6608	6I-6609	-	-	119-8604/05/06	6I-6604 /05/06 6I-6605 RH/06 LH	-	60

Pin & Washers

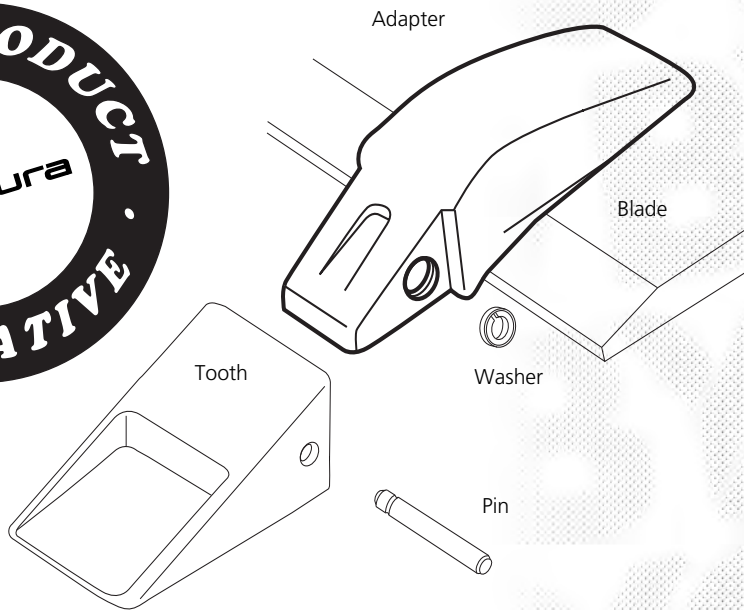





mm.								
A	B	C		OEM		OEM		
11 0,43"	61 2,40"	22 0,87"	8E-6208	1U-4208	8E-6209	4T-0001		20 J200
14 0,55"	69 2,72"	30 1,18"	132-4762	6Y-3228	8E-6259	3G-9609	149-5733	22 J225
14 0,55"	78 3,07"	30 1,18"	8E-6258 132-4763	9J-2258	8E-6259	3G-9609	149-5733	25 J250
14 0,55"	92 3,62"	30 1,18"	107-3308 132-4766	9J-2308	8E-6259	3G-9609	149-5733	30 J300
19 0,75"	108 4,25"	40 1,57"	8E-6358 114-0358	9J-2358	8E-6359	3G-9548	114-0359	35 J350
22 0,87"	119 4,69"	42 1,65"	7T-3408 116-7408		8E-8409		116-7409	40 J400
19 0,75"	135 5,31"	40 1,57"	9W-8296	4T-1458 6Y-2527	8E-6359	3G-9549		45 J450
24 0,94"	141 5,55"	44 1,73"	8E-0468 114-0468		8E-8469		107-3469	46 J460
25 0,98"	162 6,38"	53 2,09"	6Y-8558 107-3378	1U-1558	8E-5559	3G-9559	107-8559	55 J550
30 1,18"	195 7,68"	59 2,32"	6I-6608 113-9608		6I-6609		113-9609	60 J600
32 1,26"	200 7,87"	70 2,76"	4T-4708 113-4708		4T-4707		113-4709	70 J700
35 1,38"	240 9,45"	70 2,76"	134-1808	102-0101		101-2874	134-1809	80 J800












Caterpillar^{DRP}

Side Pin Adapters

Bold ref. number, product available
Other ref. number please consult.

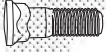


Ton	↓ ↑			
6,500-10,000	20-25	416, 426, 428, 910,		20
6,500-10,000	20-25	916, 920, 926, 933		22
10,000-20,000	25-32	936, 943, 950, 953, 963		25
20,000-23,000	32-40	966, 973, 977		30
25,000-63,500	38-50	980, 983, 988		35 40 46
63,500-90,000	50-64	992		55
90000-125000	64-75	375		60
125,000-170,000	64-120	994		70
> 170,000	> 120	994		80

Flush	Bottom Strap	Two Strap HD	Two Strap ARM	Excavator	Bolt-on 2 Holes	Adapter Scraper	Bolt-on 3 Holes	Corner Adapter	Corner Adapter 2 Holes	
										
4T-1204	8J-7525	-	-	119-3205 119-3204	9J-4207 8E-2184	-	-	1U-2208 1U-2209	6I-9250 6I-9251	20
-	-	-	-	6Y-3224	-	-	-	-	-	22
1U-1254	3G-0169	-	-	6Y-3254	1U-0257	-	-	3G-4258 3G-4259	6I-9250 6I-9251	25
1U-1304	9J-8929	-	-	3G-6304 HD / 8E-9490 3G-6305 HD / 8E-9495 3G-6306 HD / 8E-9496	1U-0307 4T-4307 3G-9307	9J-2307	3G-5307	3G-4308 3G-4309 3G-8308 3G-8309	8E-5308 8E-5309	30
1U-1354	1U-1350	135-9354 135-9355 135-9356 113-0354 113-0355 113-0356	- - 113-9354E 113-9355E 113-9356E	6I-6354 6I-6355 6I-6356	<i>3G-7357</i> 3G-3357 1U-1357	-	3G-1357 3G-2357	3G-5358 3G-5359 <i>1U-1358</i> <i>1U-1359</i>	8E-5358 8E-5359	35
-	-	125-8404 125-8405 125-8406	125-8407 125-8408 125-8409	6I-6404 6I-6405 6I-6406	6I-9898	-	-	<i>1U-1358</i> <i>1U-1359</i>	6I-8243 6I-8244	40
8E-0464 8E-0465 8E-0466	-	114-0464 114-0465 114-0466	116-7464 116-7465 116-7466	6I-6464 6I-6465 / 6I-6465 RH 6I-6466 / 6I-6466 LH	<i>8E-3467</i> 8E-2467	-	-	<i>8E-3468</i> <i>8E-3469</i> <i>8E-2468</i> <i>8E-2469</i>	-	46
7J-9554	-	107-3554 107-3555 107-3556	112-2554 112-2555 112-2556	6I-6554 6I-6555 / 6I-6555 RH 6I-6556 / 6I-6556 LH	-	-	-	-	-	55
-	-	119-8604 119-8605 119-8606	119-8607 119-8609 119-8608	6I-6604 6I-6605 / 6I-6605 RH 6I-6606 / 6I-6606 LH	-	-	-	-	-	60
-	-	133-0704 133-0705 133-0706 100-7416 100-7416 RH 100-7416 LH	133-0707 133-0709 133-0708 - - -	-	-	-	-	-	-	70
-	-	6I-8804 FC800 S	-	-	-	-	-	-	-	80

Adapters

What you need to know



Bolts

Ref. Original	Ref. BYG
CAT 5J-4771	PB-326
CAT 8J-2928	PB-946
CAT1J-3527	PB-948
CAT 5P-8361	PB-805
CAT 6F-0196	PB-734
CAT 4J-9058	PB-943
CAT 5P-8823	PB-801
CAT 4F-3656	PB-512



Nuts

Ref. Original	Ref. BYG
CAT 2J-3506	NP-190
CAT 8J-2933	NP-100B
CAT 5P-8362	NP-114B
CAT 2J-3505	NP-222
CAT 4K-0367	NP-158

Procedure for welding bucket tip adapters to the base cutting edge:

- flush mount
- bottom strap
- two strap adapters

Introduction

This instruction gives the procedure for welding bucket tip adapters to the base cutting edge used on Loader and Excavator Buckets.

Weld preparation

Use basic electrodes with a low contents of hydrogen **E7018** weld rod or **E70T-5** (do not use E70T-1) cored wire with CO₂ gas shielding. Store weld rod in 120°C (250°F) oven. Recondition exposed supply of weld rod by reheating for two hours at 260°C (500°F). Remove only enough weld rod for one hour of use. The moisture (water content in the air) level of exposed low hydrogen electrodes can be too high and can cause weld cracking.

Warning

Do not weld on painted areas. The effect of gases from burned paint is a danger to the person doing the welding.

Do not perform any procedure, outlined in this publication, or order any parts until you read and understand the information contained within

Before you start welding

- 1 Grind all weld points smooth on the base edge and on the adapter.
- 2 Remove all paint, rust, grease and dirt from the surfaces to be welded using a wire brush.

NOTE: Weld on painted or dirty areas can cause welds of poor quality. The result is weld embrittlement from hydrogen, porosity or lack of fusion.

High speed disc sanders are preferred over grinders as grinding on a cold, heat treated steel with a grinding wheel can generate hot spots, as indicated by a blue/black or brown color. Rapid cooling after grinding creates small surface cracks.

- 3 Do not weld, flame cut, gouge, or do any heavy grinding on the base edge, adapters or welds until the area to be worked on is preheated to 204°C to 260°C (400°F to 500°F).

- 4 Do not use gas shielded welding in windy areas or where fans are present. Poor welds can occur due to excessive cooling.

Preheating process

It is not necessary to preheat the adapters or the base edge when the base cutting edge is 25mm. (1in) thick or less.

Do not preheat the entire length of the blade edge already welded to a bucket. Expansion of the base edge can cause cracks in the rear edge weld.

Do not preheat any portion of the base edge or adapters until all components are at room temperature.

Verify position of corner adapters to the bucket and then equally space the adapters across the base edge.

Preheat the entire adapter and an area of the base edge extending 100mm (4in) beyond the weld area from the side opposite to be welded. Heat to 260°C (500°F) and check the temperatures of both pieces on the side to be welded

NOTE: To prevent losing hardness, do not exceed temperatures 315°C (600°F). Reheat if temperatures drop below 175°C (350°

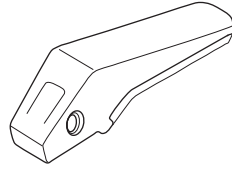
General weld procedure

- 1 The ground cable should be firmly attached to the base edge, not the adapters.
- 2 Position the work so that the weld can be applied horizontally, allowing for higher amperage and deposition rates along with a puddle of molten metal that is easier to control.
- 3 Good weld fusion with the adapters and base edge is extremely critical. Incomplete fusion with the adapter or base edge surfaces will result in an underbead crack. This unseen crack, with time, will propagate to the surface at the edge of the weld, leading to strap or base edge cracking and finally to breakage.
- 4 BYG adapters have either a 30° or 45° bevel along the sides of the straps which makes it difficult to obtain the proper electrode angle and to maintain puddle control unless the base edge is positioned on end. Ideally, the bevel welds are best controlled with the base edge vertical and the adapter sides horizontal, and the fillet welds with the edge moved off from vertical as shown.
- 5 In most cases, it will be impossible to adjust the weld area into this position, but whatever angle the edge or bucket can be placed, it will be helpful in preventing the molten puddle from pulling away from the beveled surface. More numerous, but smaller, weld passes will help to compensate for lack of proper position.

Adapters

What you need to know

Installation of flush adapters



- 1 Place the adapter on the lip so that the corner adapters are well placed on the corners. Make sure that they sit well on the bevel of the blade.
- 2 Preheat and start welding a few points to maintain the adapters in place. See general welding instructions.
- 3 It is convenient to start welding at points X and Y as indicated in *fig. 1* in order to make sure that the defects of the welding that is produced at the beginning of the strings can be eliminated.
- 4 Start welding in the center of the strap of the adapter welding around it until reaching the same point on the opposite side (area B *fig. 2*). Continue welding strings on each side from the initial points at 25 mm from the border of the lip until meeting the first string again (area A *fig. 2*). Repeat the indicated operations until completing the welding with the required thickness.
- 5 Weld the remaining part between the adapter and the border of the lip. Maintain the same thickness of the string than for the rest of the weldings.
- 6 Use a grindstone to eliminate the irregularities to obtain a smooth finish, specially in the lower front part.

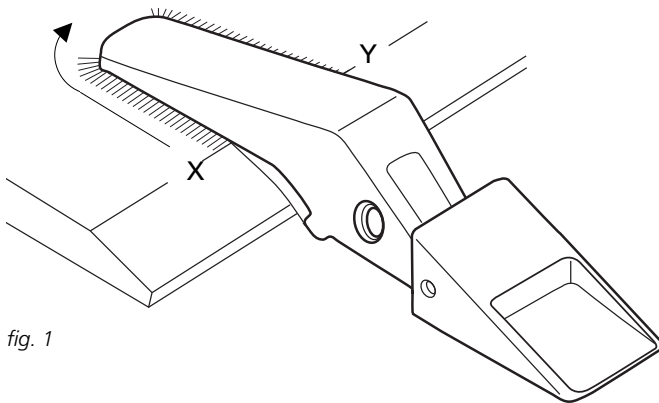


fig. 1

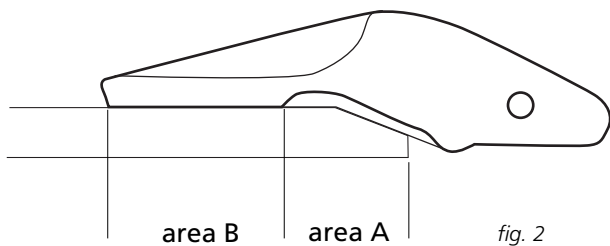
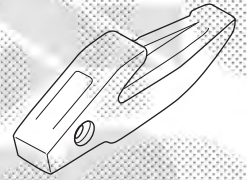


fig. 2

Installation of Bottom Strap adapters



- 1 Place the adapters on the blade and make sure they settle well on the bevel.
- 2 Preheat and weld the adapters in place with a few welding points. See general welding instructions.
- 3 Start with initial welding points as shown on *fig. 1* taking into account that 25 mm of the frontal part will have to remain without welding.
- 4 Weld the lower part of the strap starting with a string of 100 mm from the border of the lip (area B, *fig. 3*), welding around it until reaching the same point on the opposite side. Continue welding from X to Y until joining the ends of the first string (*fig. 1*). Repeat the process various times until the welding has reached the dimension specified in the table below (*fig. 4*) for area B. Continue welding in area A gradually extending to area B to reach a gradual transition until area A has reached the sized specified in the table (*fig. 4*).
- 5 Polish the welding surface with a grindstone trying to maintain the grooves caused by the grindstone parallel to the border of the lip (*fig. 5*).
- 6 Now start welding the short (upper) strap beginning the welding string at an initial point of approx. 25 mm from the border of the lip continuing the border of the loader blade until finishing at 25 mm from the border of the other side (*fig. 2*). Repeat the passes until reaching the welding thickness indicated in the table (*fig. 4*) for area A (*fig. 3*).
- 7 Use a grindstone to eliminate the irregularities to obtain a smooth finish

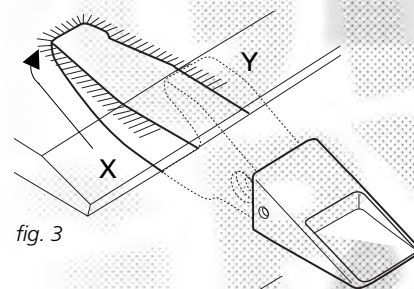


fig. 3

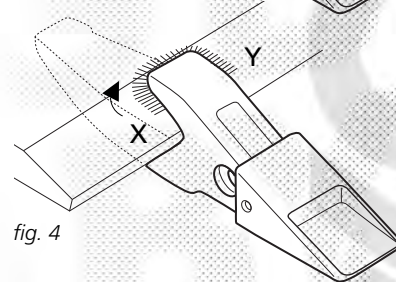


fig. 4

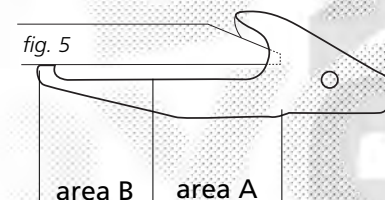


fig. 5

Area A	Area B	
12mm.	6mm.	25
15mm.	7mm.	30
18mm.	9mm.	35-40
25mm.	12mm.	45-50
30mm.	17mm.	55-60

fig. 6

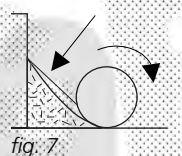


fig. 7

Adapters

What you need to know

Installation of two strap adapters

- 1** Place the adapters on the blade and be sure that they settle well on the bevel.
- 2** Preheat and weld the adapters in place. Follow the general welding instructions.
- 3** Start welding in the center of the above strap of the adapter welding around it until reaching the same point on the opposite side (area A, figure 2). Continue with welding strings on each side from the initial points at 25 mm from the border of the lip until meeting the first string again. Repeat the indicated operations until completing the welding.
- 4** Polish the welding surface with a grindstone.
- 5** Turn the bucket upside down.
- 6** Weld the lower part of the adapter (short strap) starting at 25 mm from the border of the lip until the center of the backside, welding alternative strings on each side which will meet on the backside until they reach the specified welding thickness.
- 7** Use a grindstone to eliminate the irregularities to obtain a smooth finish.



fig. 1

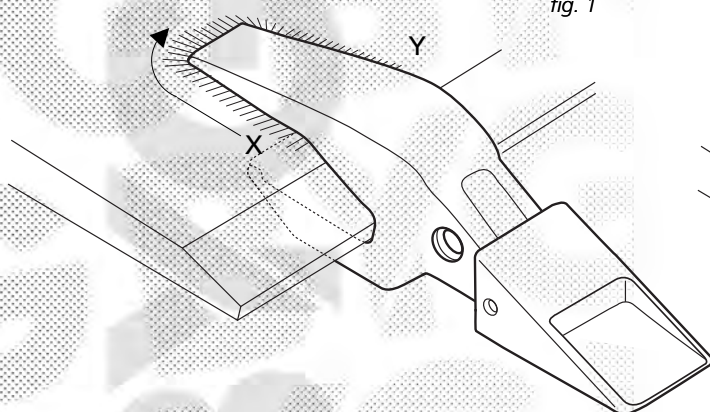
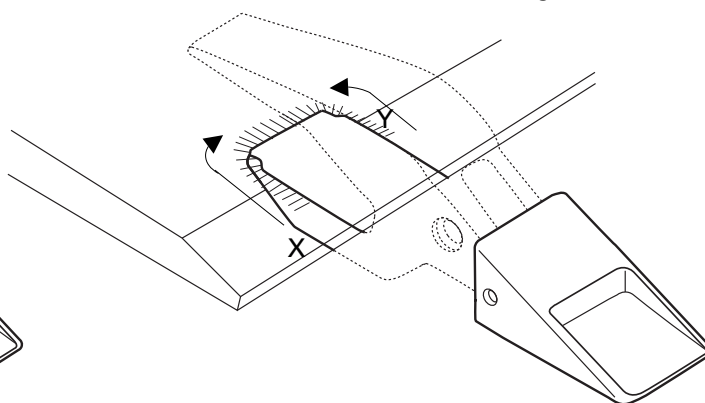


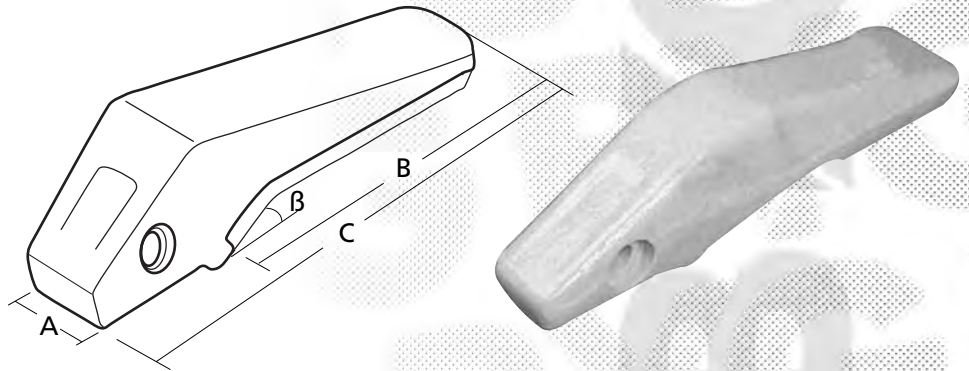
fig. 2



Weld-On Flush Mount Adapters

Features

- Recommended where a good penetration of teeth is required.
- Maintain the lower part of the bucket flat for a good finish.
- The number of adapters to be welded is unlimited.
- Easy to clean.
- Versatile, adaptable to the majority of buckets.

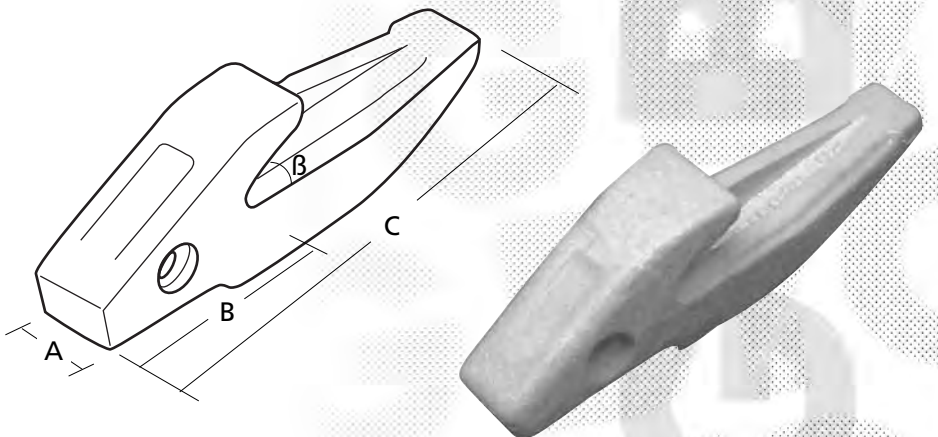


mm.						Right	Left			
A	B	C	B							
VALUE!	185	250	22 °	13 - 25	2,10			935, 931, 910 ,IT12, 428, 426, 416	20	
VALUE!	7,28"	9,84"		0,51" - 0,98"	4,63	4T-1204	-			
47	232	340	22 °	19 - 32	5,70			953, 951, 943, 941, 936, 930, 926, 920, 916, IT28, IT18	25	
1,85"	9,13"	13,39"		0,75" - 1,26"	12,57	1U-1254	-			
56	235	355	22 °	25 - 38	9,60			966C, 963, 955, 950, 944	30	
2,20"	9,25"	13,98"		0,98" - 1,50"	21,16	1U-1304	-			
65	285	425	22 °	32 - 45	15,20			980, 977, 973, 966D	35	
2,56"	11,22"	16,73"		1,26" - 1,77"	33,51	1U-1354	-			
85	320	472	22 °	45 - 51	17,56	8E-0464	8E-0465	8E-0466	988, 983, 980, 973, 966D	46
3,35"	12,60"	18,58"		1,77" - 2,01"	38,71	7T-8454				45
108	290	472	23 °	51 - 64	34,12	7J-9554	-	-	988, 992B, 992C	55
4,25"	11,42"	18,58"		2,01" - 2,52"	75,22	3G-4554				

Bottom Strap Weld-On Adapters

Features

- Recommended where the protection of the blade is important. It is not necessary that the surface to be worked on is even
- Improves loading and unloading since neither the teeth nor the adapters hinder the entry of material
- Good excavation. Unlimited number of weld-on adapters

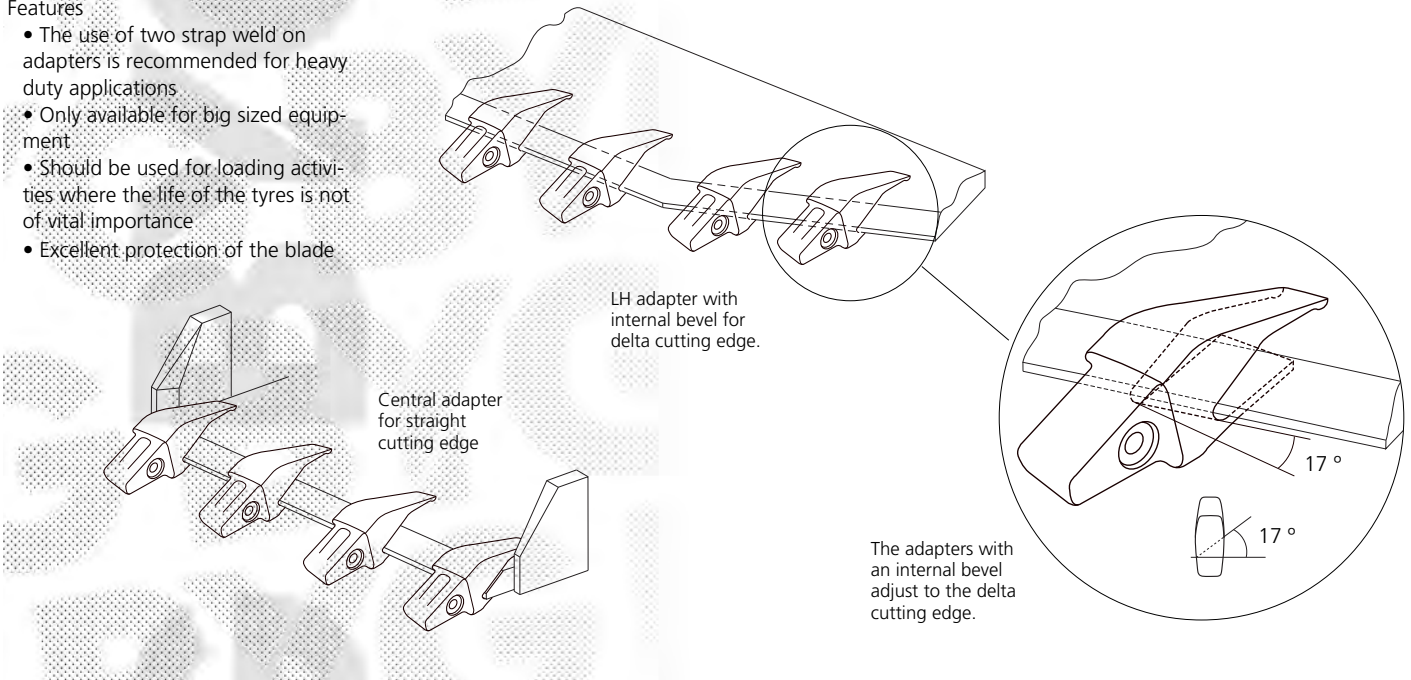


mm.						Right	Left		
A	B	C	B						
35	75	175	21 °	13 - 25	1,75			935, 931, 910 , IT12, 428, 426, 416	20
1,38"	2,95"	6,89"		0,51" - 0,98"	3,86	8J-7525	-		
47	105	285	21 °	19 - 32	4,30			953, 951, 943, 941, 936, 930, 926, 920, 916, IT28, IT18	25
1,85"	4,13"	11,22"		0,75" - 1,26"	9,48	3G-0169	-		
56	115	315	22 °	25 - 38	6,35			966C, 963, 955, 950, 944	30
2,20"	4,53"	12,40"		0,98" - 1,50"	14,00	9J-8929	-		
65	125	385	22 °	32 - 45	9,60			980, 977, 973, 966D	35
2,56"	4,92"	15,16"		1,26" - 1,77"	21,16	1U-1350	-		

Two Strap for Loader

Features

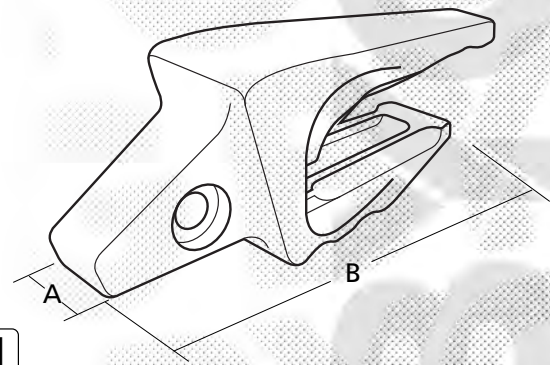
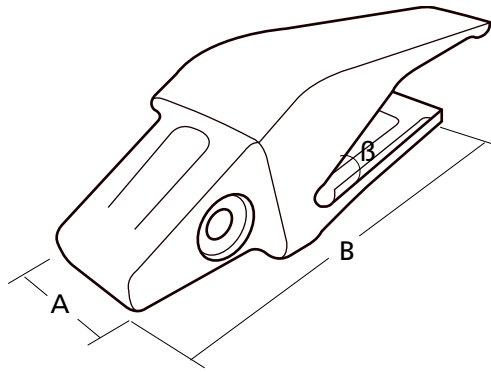
- The use of two strap weld on adapters is recommended for heavy duty applications
- Only available for big sized equipment
- Should be used for loading activities where the life of the tyres is not of vital importance
- Excellent protection of the blade



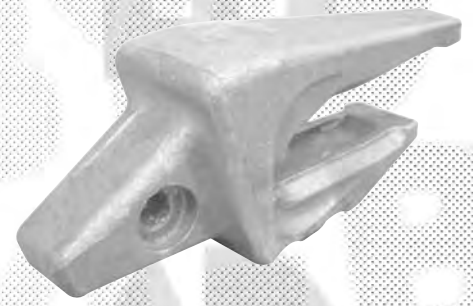
mm.					HD	ARM	Cen	Right	Left		
A	B	β									
60 2,36"	320 12,60"	22 °	40 1,57"	14,20 31,31	# 135-9354	-	●				
-	-	-		-	135-9355	-		●			966
-	-	-		-	135-9356	-			●		
-	-	-		-	113-0354	-	●				
-	-	-		-	113-0355	-		●			35
-	-	-	45	-	113-0356	-			●		
-	-	-	1,77"	-	-	113-9354E	●				980
-	-	-		-	-	113-9355E		●			
-	-	-		-	-	113-9356E			●		
63 2,48"	335 13,19"	22 °		18,70 41,23	# 125-8404	-	●				
-	-	-		-	125-8405	-		●			
-	-	-	45	-	125-8406	-			●		
-	-	-	1,77"	-	-	125-8407	●				980
-	-	-		-	-	125-8408		●			
-	-	-		-	-	125-8409			●		
				20,60 45,41	114-0464	-	●				
				21,60 47,62	114-0465	-		●			
85 3,35"	345 13,58"	22 °	50 1,97"	21,60 47,62	114-0466	-			●		983, 988
-	-			-	-	116-7464	●				
-	-			-	-	116-7465		●			
-	-			-	-	116-7466			●		

These adapters are heavy duty, applying a recharge of tungsten carbide they are converted into Heavy Duty ARM Adapters.

Two Strap for Loader



ARM



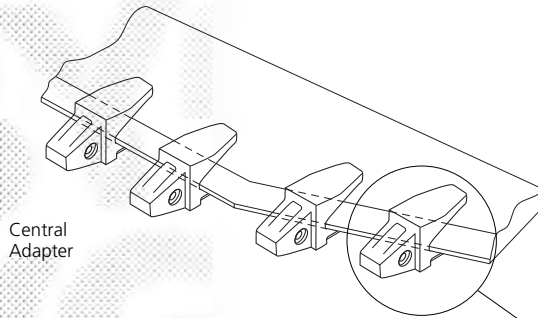
mm.				HD	ARM	Cen	Right	Left			
A	B	β									
65 2,56"	385 15,16"	22°	60 - 63 2,36" - 2,48"	34,50 76,06	107-3554 3G-9494	-	•		992C, 992B, 245 Frontal, 990	55	
				34,50 76,06	107-3555 3G-9495	-		•			
				34,50 76,06	107-3556 3G-9496	-					•
				-	112-2554	•					
				-	112-2555		•				
				-	112-2556			•			
120 4,72"	580 22,83"	22°	70 2,76"	70,50 155,42	119-8604 6I-8604	-	•		375, 992	60	
				71,00 156,53	119-8605 6I-8605	-		•			
				71,00 156,53	119-8606 6I-8606	-					•
				-	119-8607	•					
				-	119-8609		•				
				-	119-8608			•			
130 5,12"	690 27,17"	22°	70 - 75 2,76" - 2,95"	73,10 161,16	133-0704 4T-4704	-	•		992C, 994	70	
				73,30 161,60	133-0705 4T-4705	-		•			
				73,30 161,60	133-0706 4T-4706	-					•
				-	133-0707	•					
				-	133-0709		•				
				-	133-0708			•			
130 5,12"	690 27,17"	22°	90 - 100 3,54" - 3,94"	70,50 155,42	*100-7416 4T-4704E	-	•				
				70,50 155,42	*100-7416 RH 4T-4705E	-		•			
				70,50 155,42	*100-7416 LH 4T-4706E	-					•
154 6,06"	600 23,62"	23°	100 3,94"	342,64 755,39	6I-8804 FC800 S	-	•		994	80	

* Special part with the same dimensions as the original according to reference, however, its inside dimensions are for another blade thickness.

Weld-On Excavator Adapters

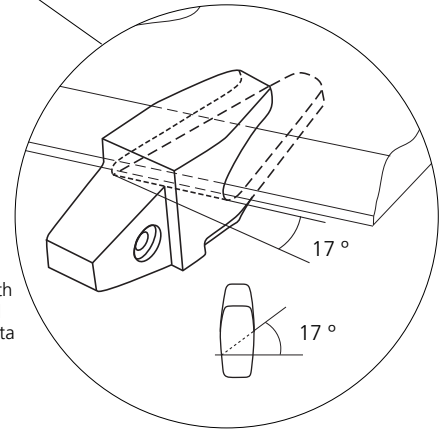
Features:

- Excellent hold of the adapters
- Good protection of the blade
- Easy and quick change of teeth
- Specially designed to adapt to the corners without having to carry out modifications

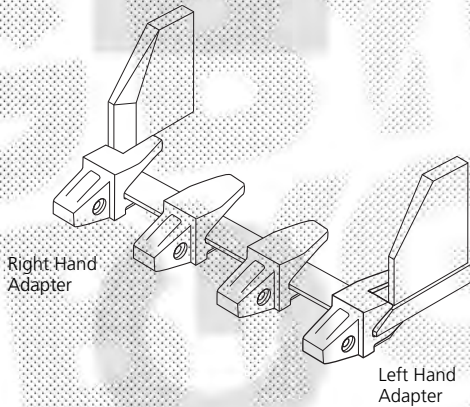


Central Adapter

LH adapter with internal bevel for delta cutting edge.



The adapters with an internal bevel adjust to the delta cutting edge.

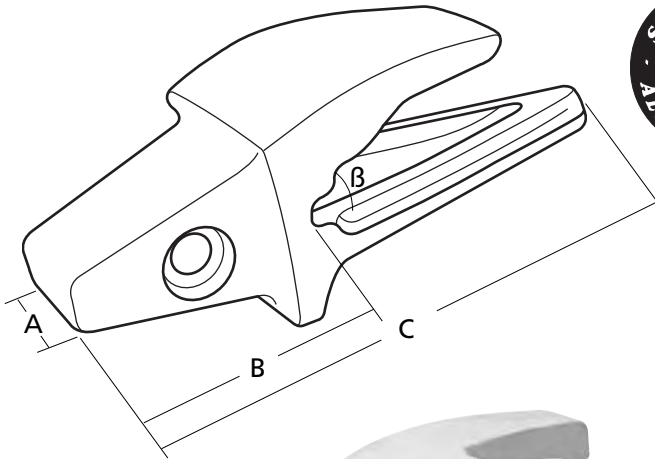


Right Hand Adapter

Left Hand Adapter

mm.								Cen	Rigth	Left		
A	B	C	B									
34 1,34"	74 2,91"	185 7,28"	22°	20 0,79"	1,75 3,86	119-3205	FC200	●			416, 446	20
34 1,34"	74 2,91"	185 7,28"	22°	25 0,98"	1,65 3,64	119-3204		●			416, 426	
35 1,38"	88 3,46"	225 8,86"	22°	20 - 22 0,79" - 0,87"	3,00 6,61	6Y-3224	FC220	●			E70B, 307, 446	22
45 1,77"	98 3,86"	250 9,84"	22°	25	4,40 9,70	6Y-3254	FC250	●			E200, 205, 214, 206, 213, 311, 312	25
					7,00 15,43	3G-6304 HD 9W-1304	FC300	●				
56 2,20"	130 5,12"	330 12,99"	22°	30 - 32 1,18" - 1,26"	6,80 14,99	3G-6305 HD 7T-3305			●			
					6,80 14,99	3G-6306 HD 7T-3306				●	E-180, E-200, 215, 219, 311, 312, 315, 320, 325	30
					7,10 15,65	8E-9490	FC300-35	●				
56 2,20"	130 5,12"	330 12,99"	22°	35	6,80 14,99	8E-9495			●			
					6,80 14,99	8E-9496				●		
					9,50 20,94	6I-6354 3G-8354	FC350	●				
65 2,56"	137 5,39"	346 13,62"	35°	40	9,75 21,49	6I-6355 3G-8355			●		225, 219, 215, 320, E200, E240, B/C/S	35
					9,75 21,49	6I-6356 3G-8356				●		
					13,40 29,54	6I-6404 7T-3404	FC400	●				
70 2,76"	140 5,51"	390 15,35"	22°	45	13,40 29,54	6I-6405 7T-3405			●		235FS, 231SD, Series 300, 231D, C/D/S	40
					13,40 29,54	6I-6406 7T-3406				●		

Weld-On Excavator Adapters



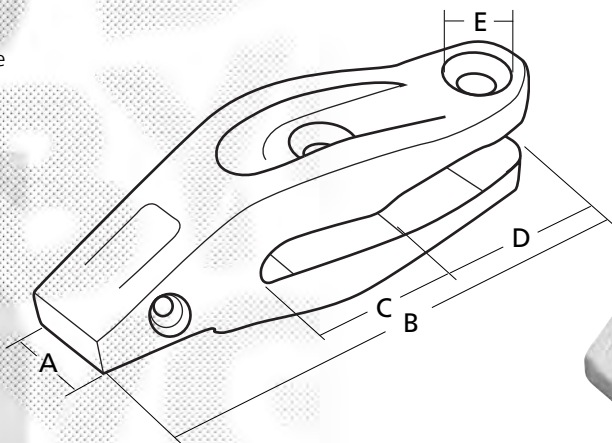
mm.									Cen	Right	Left	Right	Left		
A	B	C	B												
85 3,35"	160 6,30"	420 16,54"	22°	50	20,00 44,09	6I-6464 8E-6464	FC450	●					225, 235, 245, 320, 325, 330, E300 D/E/F	46 45	
					20,50 45,19	6I-6465 8E-6465		●							
					20,50 45,19	6I-6466 8E-6466			●						
					20,50 45,19	6I-6465 RH	FC450 RH			●					
					20,50 45,19	6I-6466 LH	FC450 LH				●				
108 4,25"	183 7,20"	520 20,47"	22°	60	32,00 70,55	6I-6554 1U-1553	FC550	●					245, E/F/G/H, 330	55	
					31,50 69,44	6I-6555 1U-1555		●							
					31,50 69,44	6I-6556 1U-1556			●						
					31,50 69,44	6I-6555 RH 105-6270	FC550 RH			●					
					31,50 69,44	6I-6556 LH 105-6269	FC550 LH				●				
120 4,72"	210 8,27"	580 22,83"	22°	70 - 75	57,00 125,66	6I-6604	FC600	●					375 H/J	60	
					60,50 133,38	6I-6605		●							
					60,50 133,38	6I-6606			●						
					60,50 133,38	6I-6605 RH	FC600 RH			●					
					60,50 133,38	6I-6606 LH	FC600 LH				●				
-	-	-	31°	90	-	132-4704	FC700	●				375(J) Spade	70		
-	-	-	-	-	132-4705	FC700 RH			●						
-	-	-	-	-	132-4706	FC700 LH				●					
-	-	-	-	-	-	-	FC800	●					80		



Bolt-On Adapters: 2 Holes

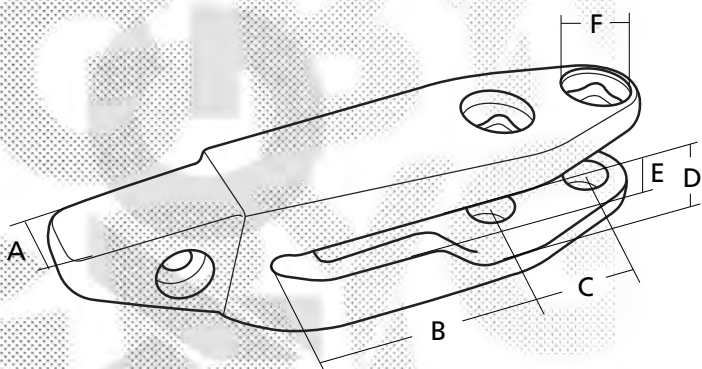
Features

- Used for loading in general where no smooth finish is required
- Good protection of blade
- Easy mounting and changing
- Minimizes the risk of breakage or loss



mm.																
A	B	C	D	E												
35 1,38"	262 10,31"	67 2,64"	89 3,50"	19,05 0,75"	19 0,75"	3,20 7,05	9J-4207	5J-4771	2J-3506					910, 914, 931, 933, 935, IT12	20	
	260 10,24"	50 1,97"	75 2,95"	18 0,71"	20 0,79"	2,50 5,51	8E-2184	4F-3656	4K-0367	1U-2208/9	6I-9250/51			416, 426, 428, 436		
47 1,85"	341 13,43"	70 2,76"	123 4,84"	25,4 1,00"	25 0,98"	9,27 20,44	1U-0257	8J-2928	8J-2933	3G-4258/9	6I-9250/51			916, 920, 924, 926, 928, 930, 931, 933, 935, 936, 939, 941, 943, 951, 953	25	
	355 13,98"	70 2,76"	123 4,84"	25,4 1,00"	25 0,98"	11,67 25,73	1U-0307	8J-2928						955, 950		
56 2,20"	400 15,75"	81 3,19"	165 6,50"	32 1,26"	32 1,26"	14,20 31,31	4T-4307	8J-2928	8J-2933	3G-4308/9		8E-5308/9		950, 955, 960, 963	30	
	403 15,87"	86 3,39"	160 6,30"	32 1,26"	-	11,94 26,32	3G-9307	5P-8361	5P-8362	3G-8308/9				966 C		
-	-	86 3,39"	160 6,30"	32 1,26"	-	-	3G-7357							966C, 963B	35	
65 2,56"	419 16,50"	100 3,94"	150 5,91"	32 1,26"	38 1,50"	18,30 40,34	3G-3357			3G-5358/9		8E-5358/9		960, 966, 970, 973, 977, 972G, 966G		
	430 16,93"	104 4,09"	156 6,14"	45 1,77"	45 1,77"	13,00 28,66	1U-1357				1U-1358/9			980		
70 2,76"	460 18,11"	104 4,09"	156 6,14"	32 1,26"	45 1,77"	29,00 63,93	6I-9898	5P-8361	5P-8362		1U-1358/9	1U-1358/9		980, 980C, F		
-	-	100 3,94"	150 5,91"	32 1,26"	38 1,50"	-	8E-3467				8E-3468/9			977, 973, 966D, 970F	45	
85 3,35"	455 17,91"	104 4,09"	156 6,14"	-	45 1,77"	25,30 55,78	8E-2467							988, 988B, 980C, F		

Adapters for Scrapers

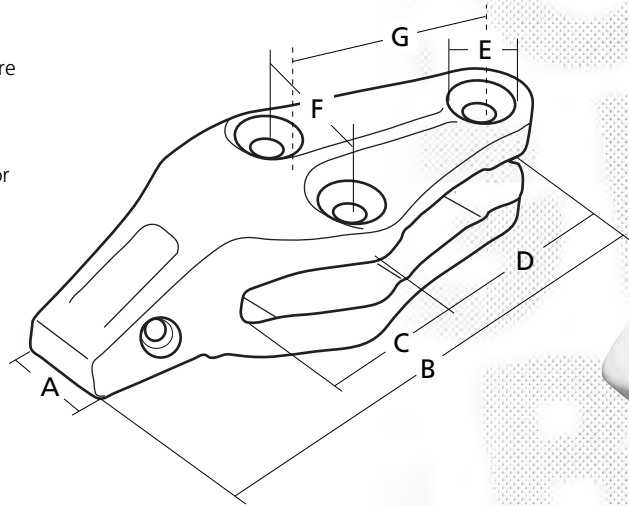


mm.												
A	B	C	D	E	F							
56 2,20"	170,5 6,71"	76 2,99"	50,5 1,99"	24 0,94"	25,4 1,00"	22 0,87"	12,24 26,98	9J-2307	PB-948	NP-100 B	619, 621, 623	30

Bolt-On Adapters: 3 Holes

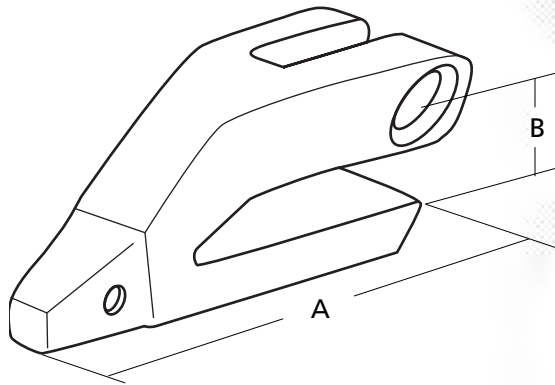
Features

- Used for loading in general where no smooth finish is required
- Good protection of blade
- Easy mounting and changing
- Minimizes the risk of breakage or loss



mm.													
A	B	C	D	E	F	G							
146 5,75"	395 15,55"	86	146		82,6	146	32	13,85 30,53	3G-5307	8J-2928	8J-2933	966C	30
	410	3,39"	5,75"	25,4 1,00"	3,25"	5,75"	1,26"	16,46 36,29	3G-1357	8J-2928		977	
158 6,22"	440 17,32"	105 4,13"	155 6,10"		45	155	45	21,35 47,07	3G-2357	1J-3527	8J-2933	980B	35

Bolt-On Corner Adapters

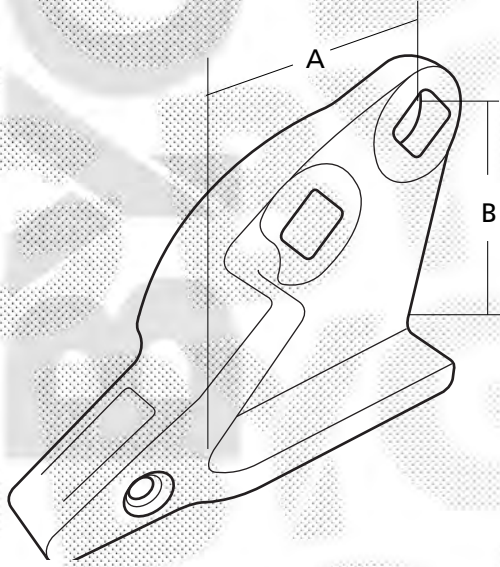


Right Hand Corner Adapter



mm.					Right		Left				Right		Left			
A	B															
230 9,06"	110 4,33"	20 0,79"	3,90 8,60		1U-2209	1U-2208			6F-0196	2J-3505	5G-2807	5G-2806	910, 914, 931, 933, 935, IT12,416, 426, 428, 436	20		
-	-	-	-		6Y-6229	6Y-6228			-	-						
296 11,65"	105 4,13"	25 0,98"	10,40 22,93		3G-4259	3G-4258			4J-9058	8J-2933	4V-1544	4V-1545	916, 920, 924, 926, 928, 930, 931, 933, 935, 936, 939, 941, 943, 951, 95	25		
322 12,68"	118 4,65"	25 - 32 0,98" - 1,26"	17,10 37,70		3G-4309	3G-4308			5P-8823	5P-8362	5V-7396 5V-1783	5V-7395 5V-1784	950, 955, 960, 963	30		
315 12,40"	140 5,51"	32 1,26"	17,10 37,70		3G-8309	3G-8308					5V-2772	5V-2773	966 C			
365 14,37"	140 5,51"	32 - 38 1,26" - 1,50"	24,50 54,01		3G-5359	3G-5358			5P-8823	5P-8362	5V-2772 4V-7175	5V-2773 4V-7174	960, 963B 966, 966C, 966G, 970, 972G, 973, 977	35		
-	-	45 1,77"	-		1U-1359	1U-1358			5P-8823	5P-8362	7V-4181	7V-4180	980, 980C, F	40		
-	140 5,51"	38 1,50"	-		8E-3469	8E-3468					4V-7175	4V-7174	977, 973, 966D, 970F	46		
-	145 5,71"	45 1,77"	-		8E-2469	8E-2468			5P-8823	5P-8362	7V-4181	7V-4180	980C, F, 988, 980			

Bolt-On Corner Adapters: 2 holes

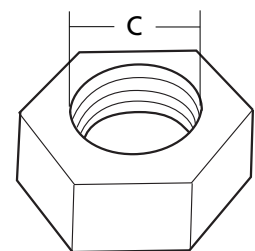
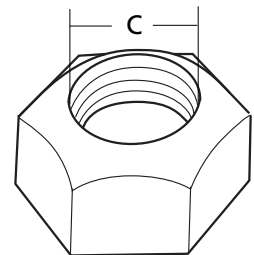
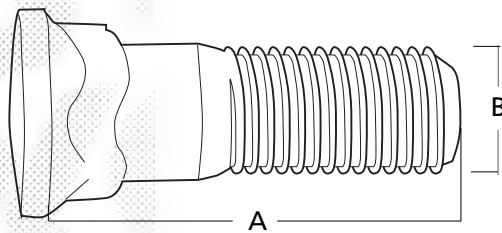


mm.			Right	Left			Right	Left			
A	B										
190 7,48"	168 6,61"	19 - 20 - 25 0,75" - 0,79" - 0,98"	13,01 28,68	6I-9251	6I-9250	4F-4042 2J-3507	6I-8310	6I-8311	910, 914, 931, 933, 935, IT12, 416, 426, 428, 436	20	
									916, 920, 924, 926, 928, 930, 931, 933, 935, 936, 939, 941, 943, 951, 953	25	
200 7,87"	163 6,42"	25 - 32 0,98" - 1,26"	17,56 38,71	8E-5309	8E-5308	8T-9079 3K-9770	8E-5302 8E-5300	8E-5303 8E-5301	950, 955, 960, 963, 966C	30	
245 9,65"	180 7,09"	32 - 38 1,26" - 1,50"	24,50 54,01	8E-5359	8E-5358	6V-6535 3K-9770	8E-5320 8E-5310	8E-5321 8E-5311	960, 963B 966, 966C, 966G, 970, 972G, 973, 977, 980	35	
273 10,75"	207 8,15"	44 1,73"	37,80 83,33	6I-8243	6I-8244	5P-8361 6V-6535	3K-9770	6I-8249	6I-8250	980, 980C, F	40

Bolt & Nuts

Features

- 12.9 Quality (Grade 8)
- Pretensile Strength 170.00 PSI
- 120 Kg/mm²
- Elastic Load Limit 140.000 PSI
- 100 Kg/mm²
- Rockwell Hardness C36-42



A	B	Thread	OEM	BYG	C	OEM	BYG	OEM	BYG
2-1/2"	5/8"	11	4F-3656	PB-512	5/8"	4K-0367	NP-158		
2-3/4"	3/4"	10	5J-4771	PB-326	3/4"	2J-3506	NP-190		
2-3/4"	7/8"	9	6F-0196	PB-734	7/8"	2J-3505	NP-222		
3"	1"	8	4F-4042	PB-942	1"				
3-1/4"	1"	8	4J-9058	PB-943	1"	2J-3507	NP-100	8J-2933	NP-100B
3-3/4"	1"	8	8J-2928	PB-946	1"				
4-1/2"	1"	8	1J-3527	PB-948	1"				
4"	1-1/4"	7	5P-8823	PB-801	1-1/4"				
5"	1-1/4"	7	5P-8361	PB-805	1-1/4"	3K-9770	NP-114	5P-8362	NP-114B
3-3/8"	1-1/4"	7	8T-9079	PB-801	1-1/4"				
3-3/4"	1-1/4"	7	6V-6535	PB-801	1-1/4"				

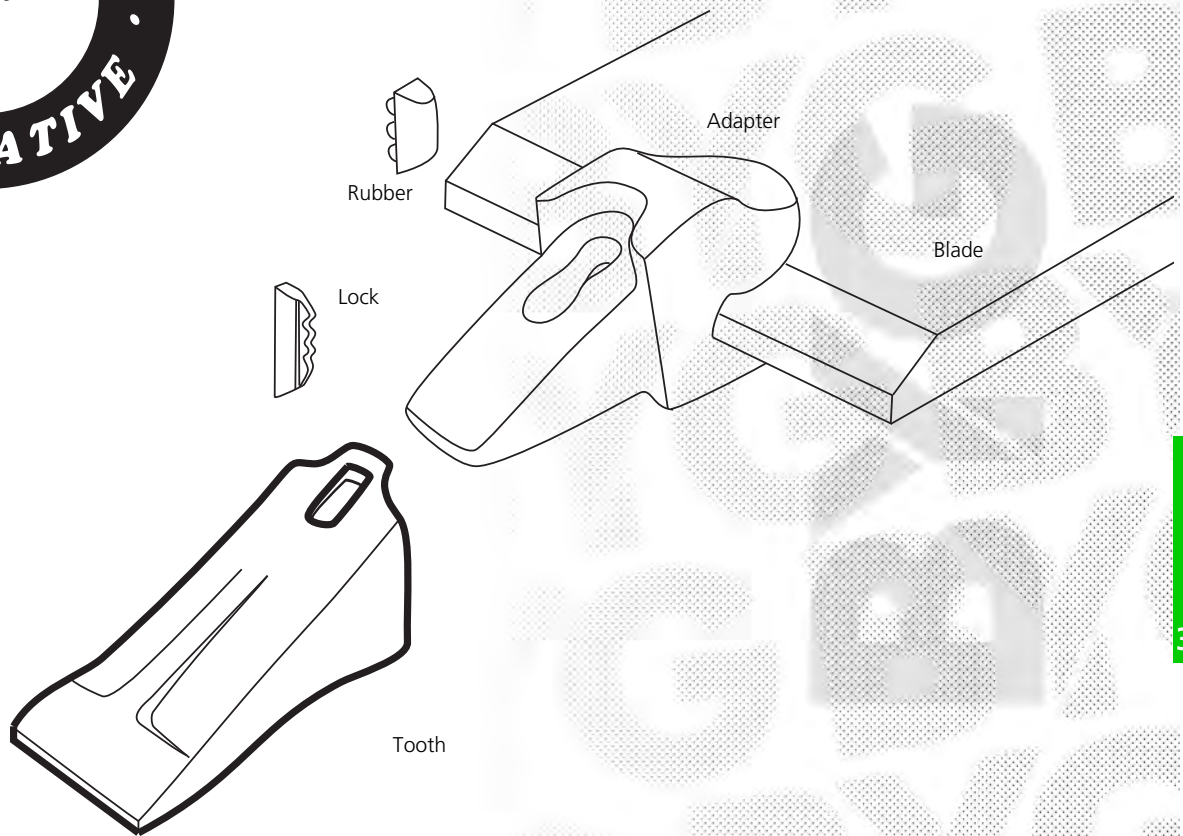
DRP Caterpillar









Bold ref. number, product available

Other ref. number please consult

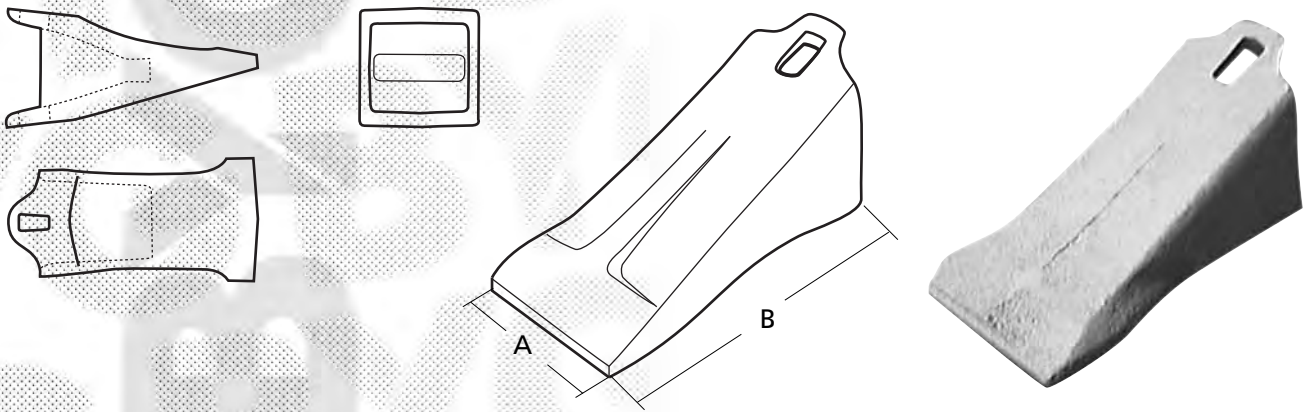
 **Futura Alternative**

Vertical Pin System



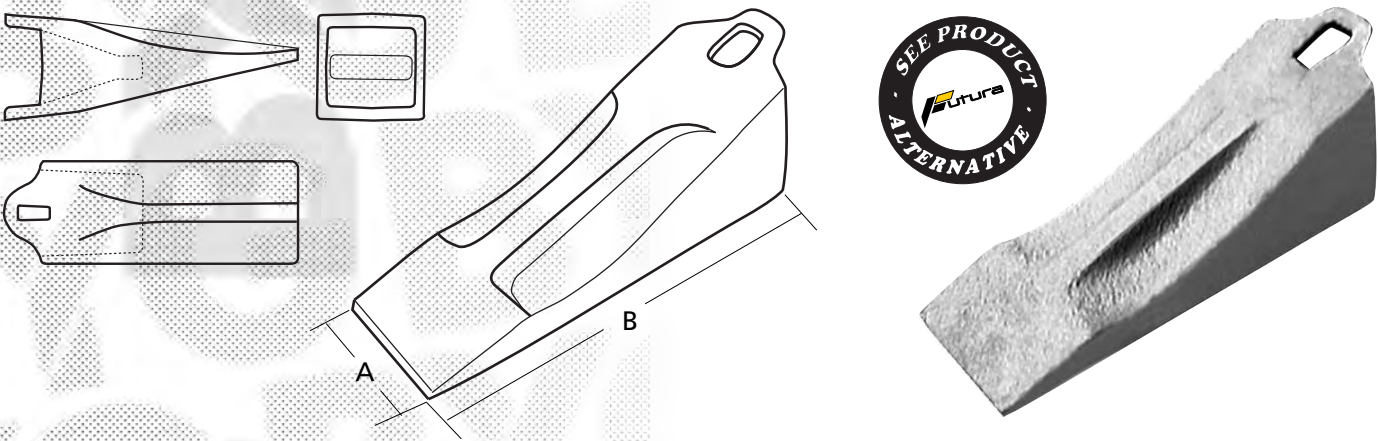
Short	Long	Adapter	Bolt-On Adapter	
				
5K-2924	 4K-6936 FC23 L	 P-23 FC23 R	8J-2930 6K-3125	910, 920, 922, 931, 933, 941
5K-2925	 4K-0034 FC34 L	P-18	8J-2929 6K-2563 5K-8287 6K-1965	930, 944, 950, 951, 955, 966
5K-2926	4K-6148	P-24	5K-9024 6K-1964	955, 966, 977, 980
5K-4997	4K-4962	6K-2853	6K-7850	
-	-	-	6K-7850	988, 983

Vertical Pin Teeth: Short



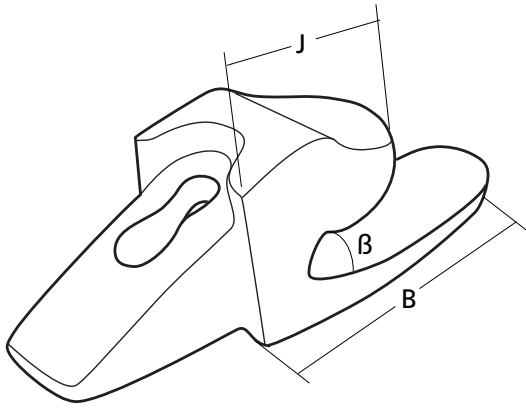
mm.		KG							
A	B								
52 2,05"	163 6,42"	1,15 2,54	5K-2924	4K-0043	4K-0041	P-23	8J-2930 6K-3125	910, 920, 922, 931, 933, 941	
66 2,60"	170 6,69"	1,47 3,24	5K-2925	4K-0043	4K-0041	P-18	8J-2929 6K-2563 5K-8287 6K-1965	930, 944, 950, 951, 955, 966	
77 3,03"	190 7,48"	2,66 5,86	5K-2926	4K-0032	4K-0008	P-24	5K-9024 6K-1964	955, 966, 977, 980	
-	-	-	5K-4997	4K-0033	4K-0006	6K-2853	6K-7850		

Vertical Pin Teeth: Long



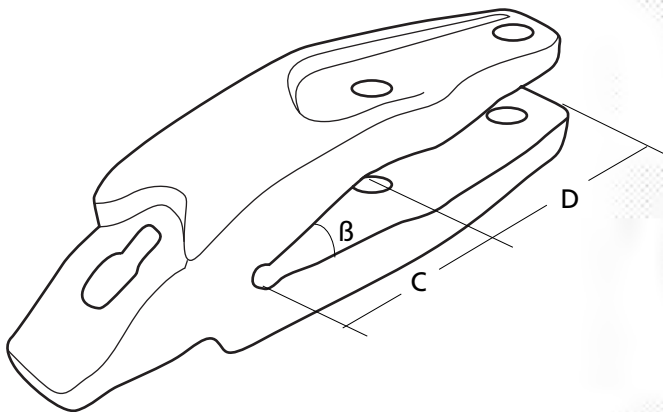
mm.		KG							
A	B								
67 2,64"	130 5,12"	1,55 3,42	4K-6936	FC23 L	4K-0043	4K-0041	P-23	8J-2930 6K-3125	910, 920, 922, 931, 933, 941
73 2,87"	130 5,12"	2,10 4,63	4K-0034	FC34 L	4K-0043	4K-0041	P-18	8J-2929 6K-2563 5K-8287 6K-1965	930, 944, 950, 951, 955, 966
86 3,39"	156 6,14"	3,20 7,05	4K-6148		4K-0032	4K-0008	P-24	5K-9024 6K-1964	955, 966, 977, 980
90 3,54"	215 8,46"	4,30 9,48	4K-4962		4K-0033	4K-0006	6K-2853	6K-7850	

Vertical Pin Weld-On Adapter



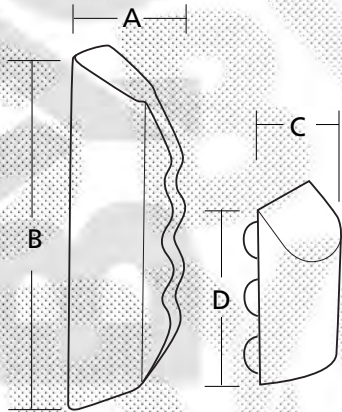
mm.												
B	J	B										
142 5,59"	55 2,17"	25°	13 - 20 0,51" - 0,79"	2,40 5,29	P-23	FC23 R	4K-0043	4K-0041	5K-2924	4K-6936		910, 920, 922, 931, 933, 941
170 6,69"	55 2,17"	25°	20 - 30 0,79" - 1,18"	3,10 6,83	P-18		4K-0043	4K-0041	5K-2925	4K-0034		930, 944, 950, 951, 955, 966
230 9,06"	45 1,77"	23°	25 - 35 0,98" - 1,38"	6,15 13,56	P-24		4K-0032	4K-0008	5K-2926	4K-6148		955, 966, 977, 980
-	-	-	34 - 40 1,34" - 1,57"	-	6K-2853		4K-0033	4K-0006	5K-4997	4K-4962		



Vertical Pin Bolt-On Adapter

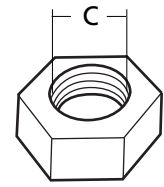
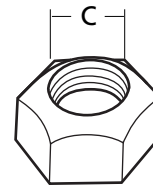
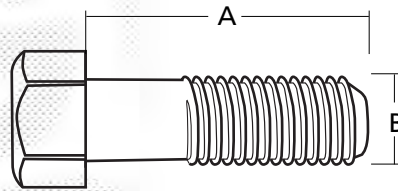
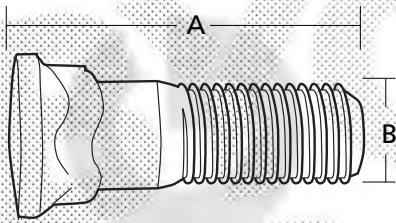



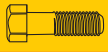


mm.													
C	D	B											
-	-	-	25	-	8J-2930					4K-0043	4K-0041	941, 930, 920	
-	-	-	20	-	6K-3125			5K-2924	4K-6936	4K-0043	4K-0041	941, 933, 922, 920, 910	
70	124	25°	25	-	8J-2929	1J-4948	-	2J-3507	5K-2925	4K-0034	4K-0043	4K-0041	955, 951, 950
-	-	-	25	-	6K-2563					4K-0043	4K-0041	951B, 950, 944, 941, 930	
86	111	25°	25	-	5K-8287	-	1D-4608	2J-3506		4K-0043	4K-0041	955	
102 4,02"	108 4,25"	25°	30 1,18"	6,60 14,55	6K-1965	-	3B-2968	2J-3506		4K-0043	4K-0041	966	
-	-	-	30	-	5K-9024				5K-2926	4K-6148	4K-0032	4K-0008	977
127 5,00"	133 5,24"	25°	35 1,38"	11,60 25,57	6K-1964	-	1D-4639	2J-3507		4K-0032	4K-0008	980	
127	133	21°	35	-	6K-7850	-	1D-4640	2J-3507	5K-4997	4K-4962	4K-0006	4K-0033	988, 983

Fasteners



mm.					
A	B	C	D		
18	68	20,5	44	4K-0043	4K-0041
20,5	79	14	50	4K-0032	4K-0008
23,5	94	16	56	4K-0033	4K-0006

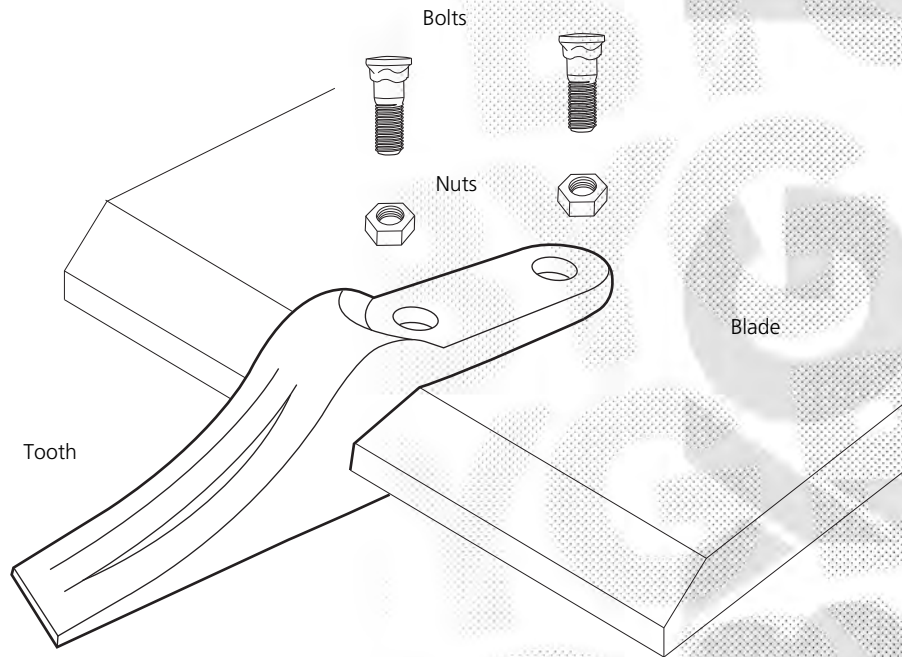


A	B	Thread	OEM 	BYG ref	OEM 	BYG ref	C	OEM 	BYG ref	BYG ref 
3 3/4"	1"	8	1J-4948	PB-945	-	-	1"	2J-3507	NP-100	-
2 1/2"	5/8"	11	4F-3656	PB-512	-	-	5/8"	4K-0367	NP-158	-
2 3/4"	3/4"	10	5J-4771	PB-326	-	-	3/4"	2J-3506	NP-190	-
4"	1"	8	8J-2928	PB-946	-	-	1"	-	-	8J-2933 NP-100 B
2 3/4"	3/4"	10	-	-	1D-4608	S-4608	3/4"	2J-3506	NP-190	-
3 1/2"	3/4"	10	-	-	3B-2968	S-2968				-
4 1/4"	1"	8	-	-	1D-4640	S-4640	1"	2J-3507	NP-100	-
4"	1"	8	-	-	1D-4639	S-4639B				-

Caterpillar^{DRP}

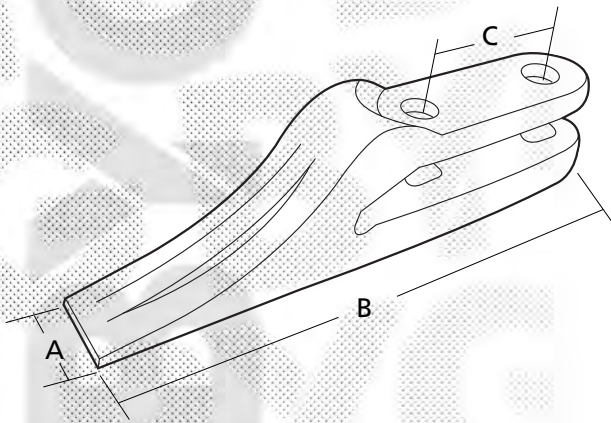
Bold ref. number, product available
Other ref. number please consult.

Bolt-On Monoblock Teeth



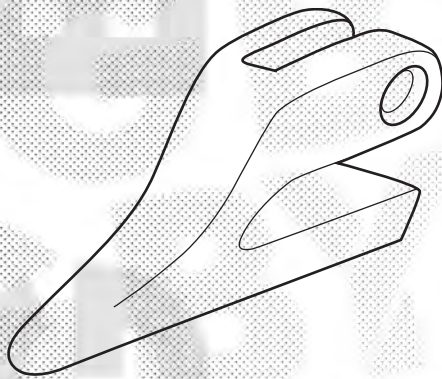
Tooth					Blade					Ref. No.
-	-	-	-	-	132-4720	-	-	-	-	216, 226, 236, 246
135-9390	-	-	-	-	-	-	-	-	302.5	-
6Y-6335	1U-1869	1U-1868	-	-	-	-	-	416, 426, 428	-	-
8J-6207	-	-	-	-	-	910	931	-	-	-
1U-1857	1U-1859	1U-1858	6I-8389	6I-8388	-	916, 920, 924, 926, 930	936, 941, 943, 951, 953	-	-	-
1U-1877	1U-1879	1U-1878	8E-8609	8E-8608	-	950	955	-	-	-
8E-1637	1U-1879	1U-1878	-	-	-	950B	955, 963	-	-	-
1U-1887	1U-1889	1U-1888	8E-5319	8E-5318	-	-	966C	-	-	-
6Y-0649	1U-1889	1U-1888	8E-5319	8E-5318	-	973, 977	966D	-	-	-

Monoblock Teeth



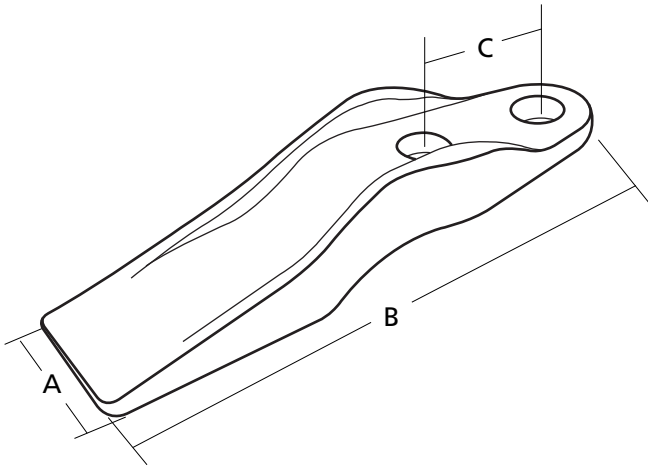
mm.															
A	B	C													
44	235	49	16	-	135-9390	PB-510	NP-158	-	-	302.5	-	-	-	-	
47	277	75	19	3,33	6Y-6335 9W-1879	4F-3656	4K-0367	1U-1869	1U-1868	-	-	-	416, 426, 428	-	20
1,85"	10,91"	2,95"	0,75"	7,34											
60	337	89	20	4,60	8J-6207	5J-4771	2J-3506	-	-	-	910	931	-	-	
2,36"	13,27"	3,50"	0,79"	10,14											
70	395	125	25	11,80	1U-1857	8J-2928	2J-3507	1U-1859	1U-1858	-	916, 920, 924, 926, 930	936, 941, 943, 951, 953	-	-	25
2,76"	15,55"	4,92"	0,98"	26,01											
100	410	124	25	12,30	1U-1877	8J-2928	8J-2933	1U-1879	1U-1878	-	950	955	-	-	
3,94"	16,14"	4,88"	0,98"	27,12											
72	470	165	32	16,40	8E-1637	1J-3527	8J-2928	-	-	-	950B	955, 963	-	-	30
2,83"	18,50"	6,50"	1,26"	36,16											
90	555	160	32	22,00	1U-1887	5P-8361	5P-8362	1U-1889	1U-1888	-	-	966C	-	-	
3,54"	21,85"	6,30"	1,26"	48,50											
-	-	-	38	-	6Y-0649	5P-8361	-	-	-	-	973, 977	966D	-	-	35

Monoblock Corner Adapter



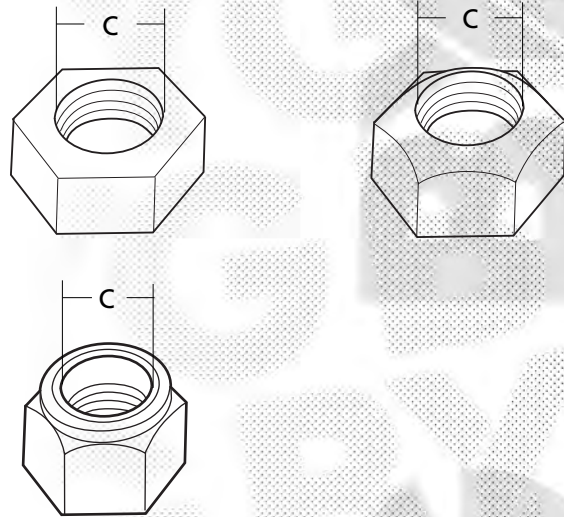
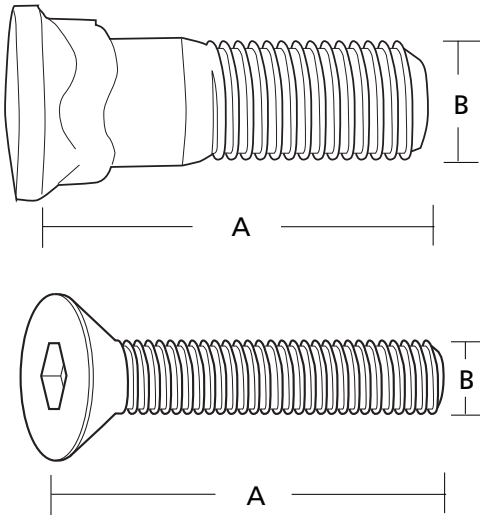
mm.												
A	B	D										
-	-	-	19	-	1U-1869	1U-1868	6F-0196	2J-3505	416, 426, 428			20
-	-	-	20	-	1U-1869	1U-1868	-	-	910, 931			
-	-	-	25	-	1U-1859	1U-1858	4J-9058 4J-9059	8J-2933	916, 920, 924, 926, 930, 936, 941, 943, 951, 953			25
-	-	-	25	-	1U-1879	1U-1878	-	-	955, 950			
-	-	-	32	-	1U-1879	1U-1878	5P-8823	5P-8362	955, 950B, 963			30
-	-	-	32	-	1U-1889	1U-1888			966C			
-	-	-	38	-	1U-1889	1U-1888			966D, 973, 977			

Monoblock Teeth















mm.									
A	B	C							
59 2,32"	235 9,25"	60 2,36"	20 0,79"	1,85 4,08	132-4720	V-16060	TA-016	216, 226, 236, 246	20

Fasteners



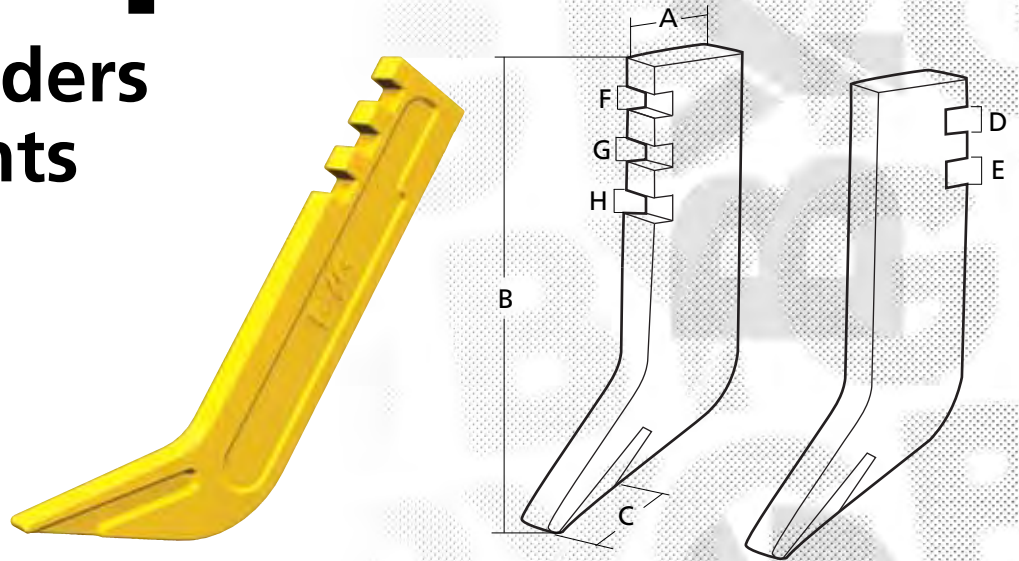
A	B	Thread	Thread	OEM	BYG	OEM	BYG	C	OEM	BYG	OEM	BYG	OEM	BYG
2 1/4"	5/8"	11	-	3F-5108	PB-510	-	-	5/8"	4K-0367	NP-158	-	-	-	-
2 1/2"	5/8"	11	-	4F-3656	PB-512	-	-	3/4"	2J-3506	NP-190	-	-	-	-
2 1/2"	3/4"	10	-	5J-4771	PB-326	-	-	7/8"	2J-3505	NP-222	-	-	-	-
2-3/4"	7/8"	9	-	6F-0196	PB-734	-	-	1"	-	-	-	-	-	-
3-1/4"	1"	8	-	4J-9058	PB-943	-	-	1"	2J-3507	NP-100	8J-2933	NP-100B	-	-
4-1/2"	1"	8	-	1J-3527	PB-948	-	-	1-1/4"	-	-	5P-8362	NP-114B	-	-
4"	1"	8	-	8J-2928	PB-946	-	-	1-1/4"	-	-	-	-	-	-
4"	1-1/4"	7	-	5P-8823	PB-801	-	-	M-16	-	-	-	-	8T-4778	TA-016
5"	1-1/4"	7	-	5P-8361	PB-805	-	-							
60	M-16	-	2.00	-	-	159-2953	V-16060							

Replacement of the Tooth and the Adapter to Monoblock System

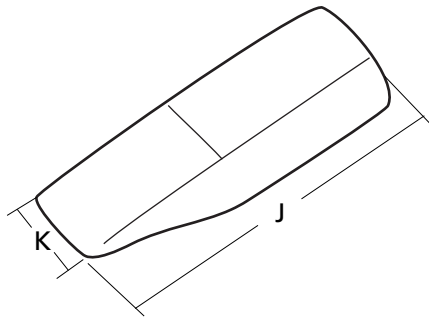
											
6I-6335	9W-6207										
8J-6207	9J-4207	1U-1869	1U-2209	1U-1868	1U-2208	-	-	-	-	-	20
1U-1857	1U-0257	1U-1859	3G-4259	1U-1858	3G-4258	6I-8389	6I-9251	6I-8388	6I-9250		25
1U-1877	1U-0307										
8E-1637	4T-5416	1U-1879	3G-4309	1U-1878	3G-4308	8E-8609	8E-5309	8E-8608	8E-5308		30
1U-1887	3G-9307	1U-1889	3G-8309	1U-1888	3G-8308	8E-5319	8E-5359	8E-5318	8E-5358		
6Y-0649	7I-7697	1U-1889	3G-5359	1U-1888	3G-5358	8E-5319	8E-5359	8E-5318	8E-5358		35

Caterpillar^{DRP}

Motor Graders Components

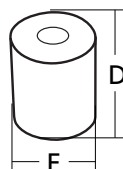
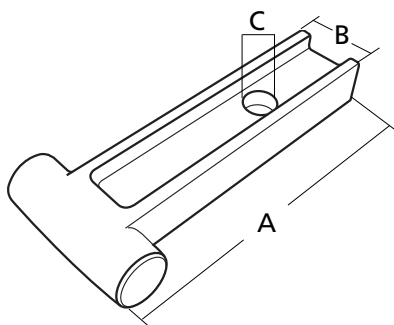


mm.						Futura						
A	B	C	D/E	F/G/H	KG							
76 2,99"	438 17,24"	25 0,98"	20 0,79"	-	-							
						5B-6251	-					
				20 0,79"	5,70 12,57	-	9F-5124	FC10 SS	6Y-5230 2D-5572	5K-1459	5K-1458	12, 14, 112, 130, 140
63 2,48"	392 15,43"	25 0,98"	-	20 0,79"	4,00 8,82	195-7219	-					



mm.		Futura									
J	K	KG									
181 7,13"	44 1,73"	1,40 3,09	6Y-5230 2D-5572	FC10 TS	5B-0947	9F-5124 5B-6251	5K-1459	5K-1458	12, 14, 112, 130, 140		

Fasteners

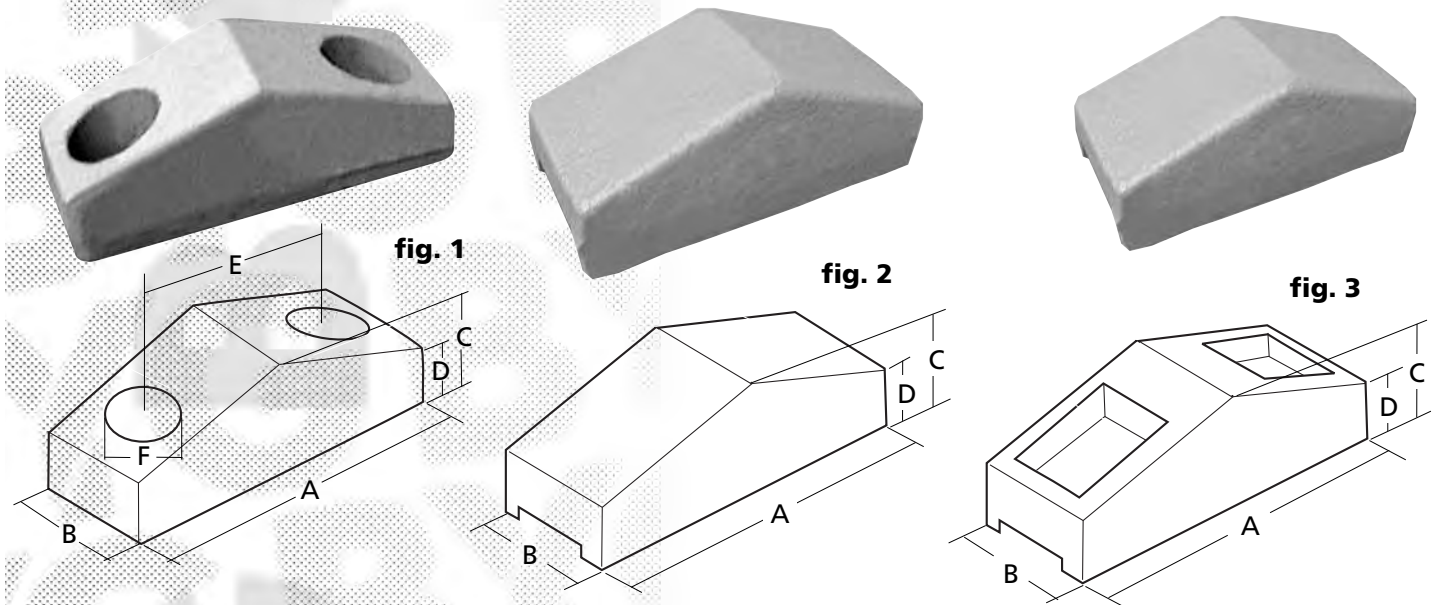


mm.						
A	B	C	D	E		
116 4,57"	25 0,98"	6 0,24"	15 0,59"	6 0,24"	5K-1459	5K-1458

DRP Caterpillar

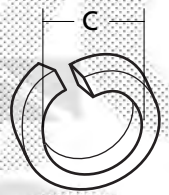
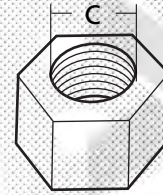
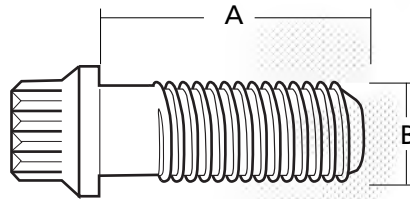
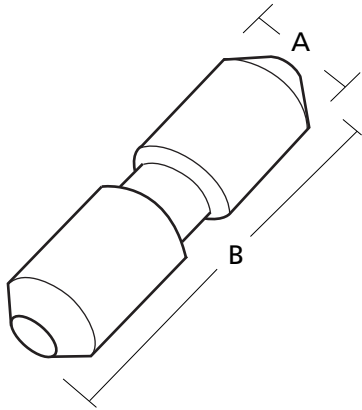
Tamping Feet


Tamping Feet






mm.							Type	Fig.	Ref.	Mounting System	Qty per set	Bolt	Nut	Washer	Welding Rod	Base	Machine
A	B	C	D	E	F												
170 6,69"	70 2,76"	64 2,52"	33 1,30"	114 4,49"	17 0,67"	3,55 7,83	Std.	1	8K-9189	Bolt-On	-	8K-9163	7H-3607	5S-0581	-	7K-6957	815
170 6,69"	81 3,19"	71 2,80"	41 1,61"	-	-	3,70 8,16	HD	2	4V-3851	Weld-On	-	-	-	-	-	7K-6957	815 815B
168 6,61"	81 3,19"	71 2,80"	41 1,61"	-	-	4,10 9,04	Std.	3	2V-7053	Weld-On	-	-	-	-	-	7K-6957	815B
154 6,06"	25 0,98"	165 6,50"	-	-	-	10,15 22,38	Std.	5	6W-0754	Weld-On	24	-	-	-	-	-	816B
285 11,22"	108 4,25"	170 6,69"	-	-	-	8,20 18,08	Std.	6	6W-0755	Weld-On	16	-	-	-	-	-	816B

Fasteners



mm.		
A	B	
19 0,75"	96 3,78"	7K-9535

mm.		OEM	BYG ref	C	OEM	BYG ref	OEM	BYG ref	
A	B	Thread							
2"	5/8"	18	8K-9163	S12-5851	5/8"	7H-3607	N-058E	5S-0581	0-1258
2-1/2"	7/8"	14	8K-9164	S12-7863	7/8"	7H-3609	N-078E	4D-6419	0-1278

Tamping Feet



Fig. 4

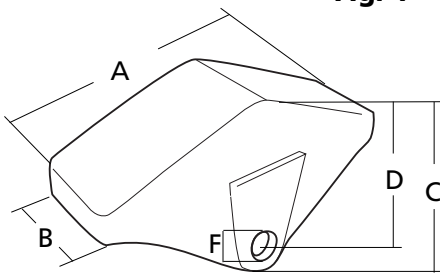


Fig. 5

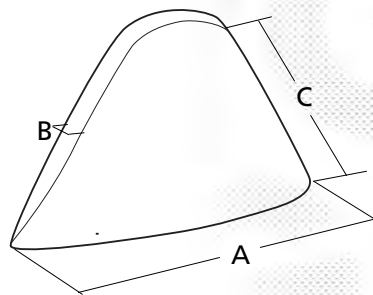
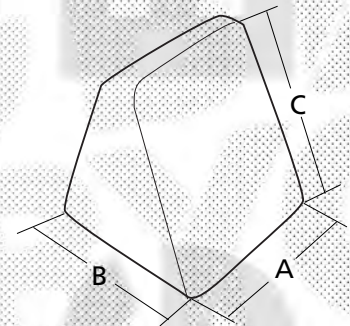

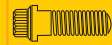




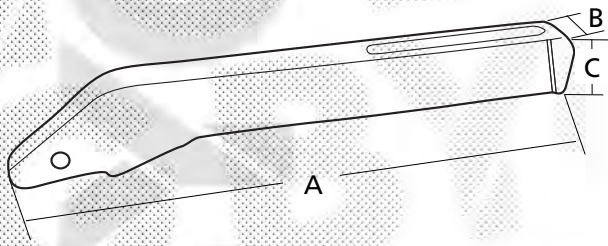


Fig. 6



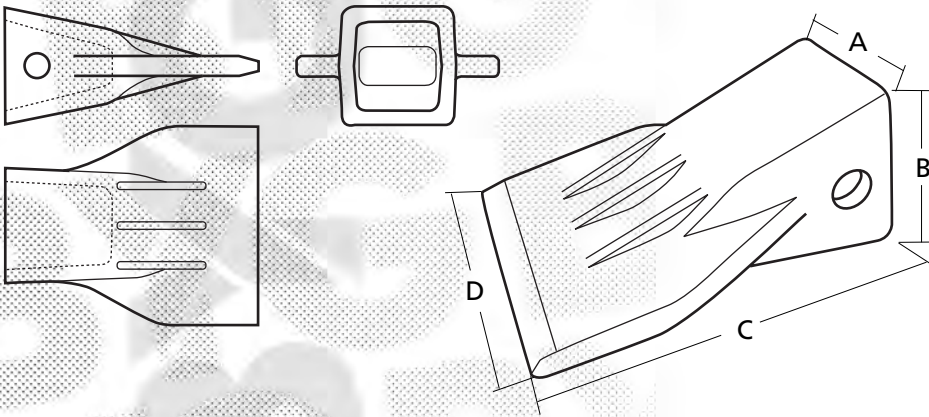
mm.							Type	Fig.	Ref.	Mounting System	Qty per set					Base	
A	B	C	D	E	F												
226	95	124	103	-	19	6,50	Std.	4	7K-2939	Pin	-	-	-	-	7K-9535	9S-1645	824B 825B 834
225	89	89	50	-	-	6,25	Std.	3	2V-6628	Weld-On	-	-	-	-	-	7K-7071	825C
214	-	-	-	-	-	6,85	HD	2	4V-0668	Weld-On	-	-	-	-	-	-	-
230	78	81	40	146	24	5,50	Std.	1	8K-9171	Bolt-On	65	8K-9164	7H-3609	4D-6419	-	7K-7071	825C 835

Cleaning Bar



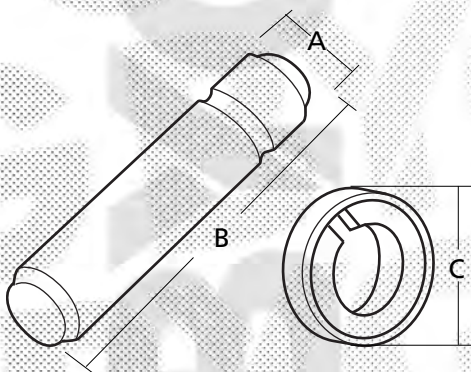
mm.								
A	B	C						
550 21,65"	50 1,97"	60 2,36"	10,00 22,05	5V-4311	3G-8250	8E-6258	8E-6259	815B

Cleaning Bar Tooth



mm.									
A	B	C	D						
73 2,87"	86 3,39"	196 7,72"	113 4,45"	3,20 7,05	3G-8250	5V-4311	8E-6258	8E-6259	815B

Fasteners



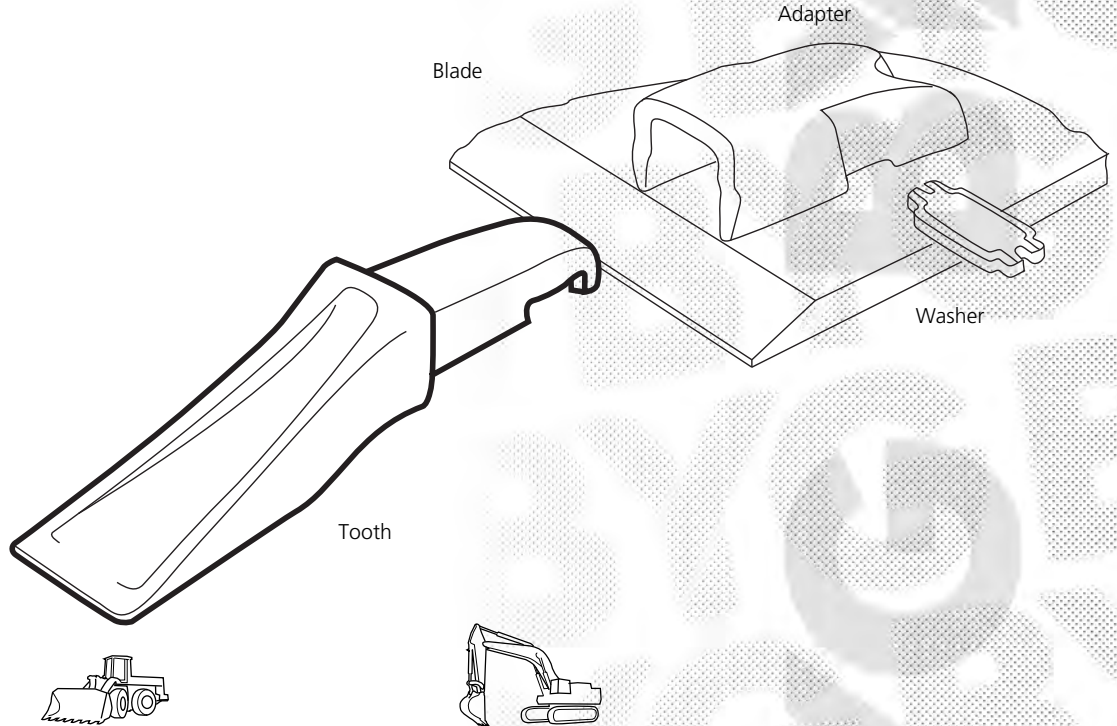
mm.				
A	B	C		
14 0,55"	81 3,19"	30 1,18"	8E-6258	8E-6259

DRP Bofors

Bold ref. number, product available

Other ref. number please consult.

Teeth



Start Strength	Standard	HD	Standard	HD
100KN	B0, B1	B0, B1, B2	B0, B1, B2, B3, B4	B0, B1, B2, B3, B4
200KN	B2, B3, B4	B3, B4	B3, B4	B3, B4, B5
300KN	B4	B5	B5	B5
400KN	B5			
500KN				

B0	16-22 mm
B1	25-30 mm
B2	30-35 mm
B3	40-45 mm
B4	50-60 mm
B5	60-90 mm

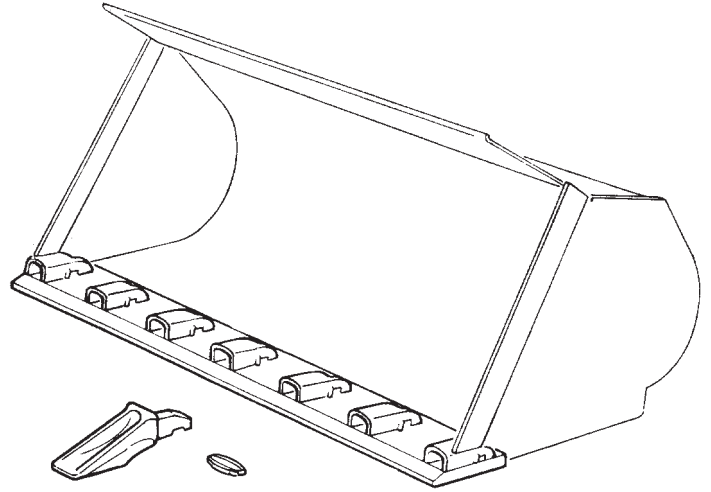
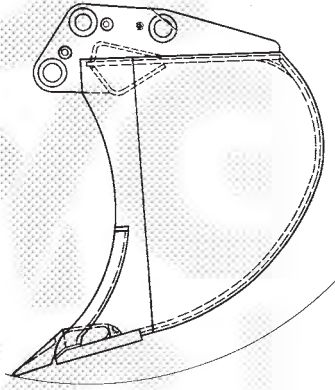
Loader				Excavator				Clamshell		Excavator Round Washer		
4047166 30101	4038279	3000-FN	-	-	4046818 30104	3000-BT	4044291 30103	-	-	-	-	B0
-	-	7014	-	-	-	7015	-	-	-	-	-	-
4047167 31102	4038208	4000-FN	4044336 31101	-	4046799 31104	4000-BT	4044388 31103	-	4037988	-	-	B1
4047168 31106		5000-FN			4046961 31105							
3031537 32101	3027580	7500-FN	4044428 32102	4046911 32103	3032682 32105	-	3031362	1040-15	4046729	330-14	-	B2
3031538 32104		8000-FN										
3031539 33102	-	10000-FN	3031334 33101	3031364 33103	3031354 33104	7500-BT	-	-	4046663 38111	4046746 4046746E	-	B3
									4038207 4038257 4038205			
3031542 34102	-	-	3031335 34101	-	-	-	-	-	3027689 38104	340-20	3027538	B4
3031386 35102	-	-	3031336 35101	-	-	-	-	-	3027512 38101	3452038	3027524 38102	B5

Teeth

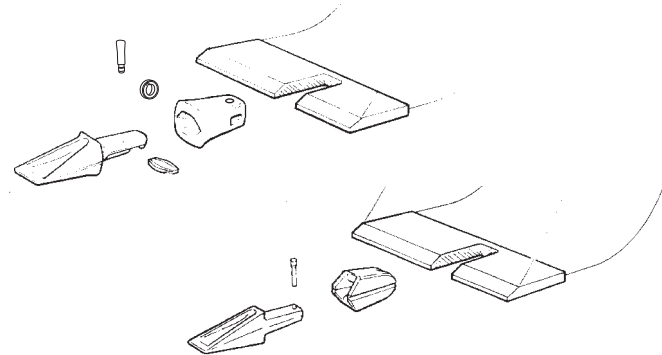
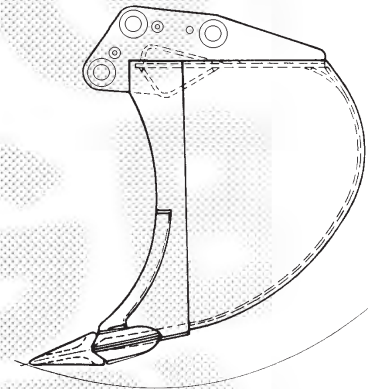
What you need to Know

Depending on the adapter system, Bofors presents the following applications:

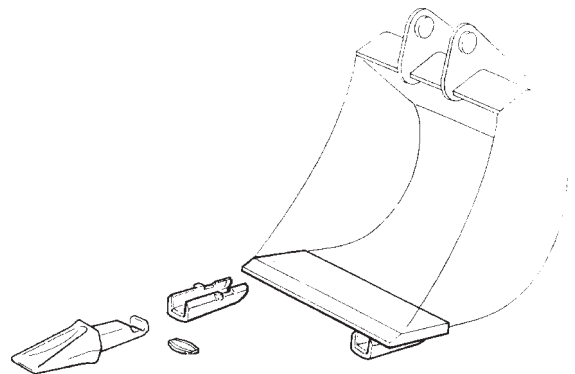
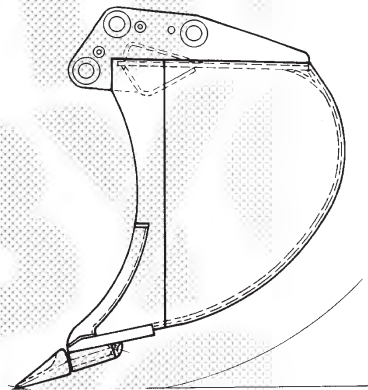
1 Loader flush system adapter for loaders



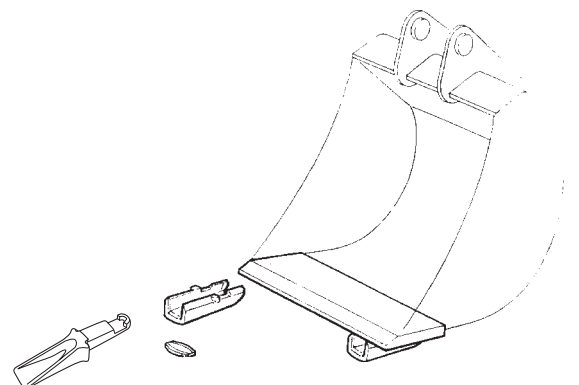
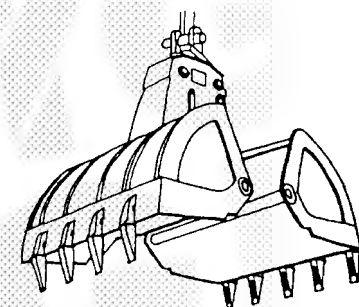
2 Clamshell adapter system for Excavators



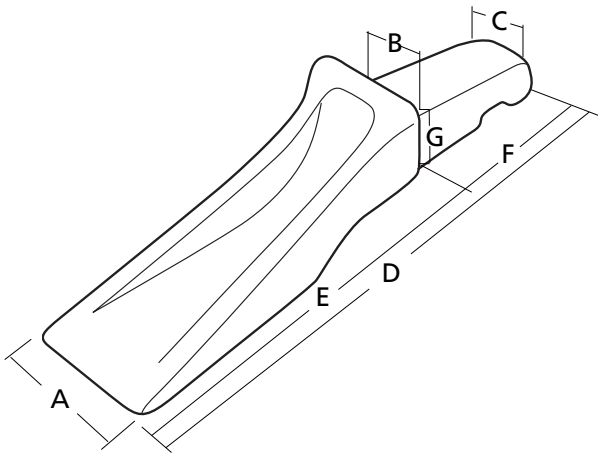
3 Loader flush adapter system for Excavators



4 Clamshell flush adapter system

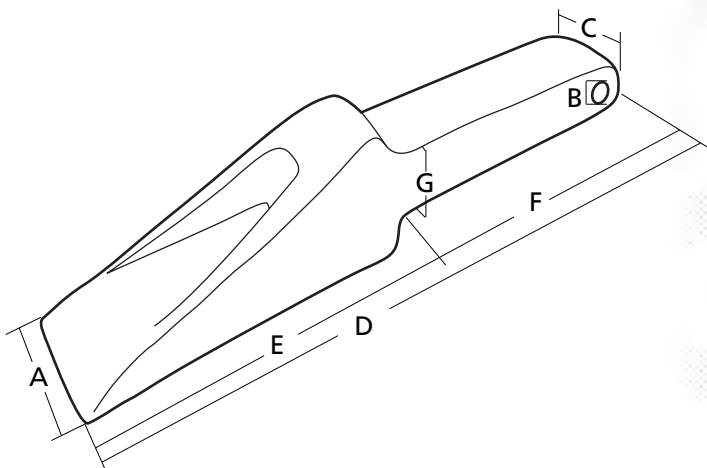


Bofors Loader Teeth



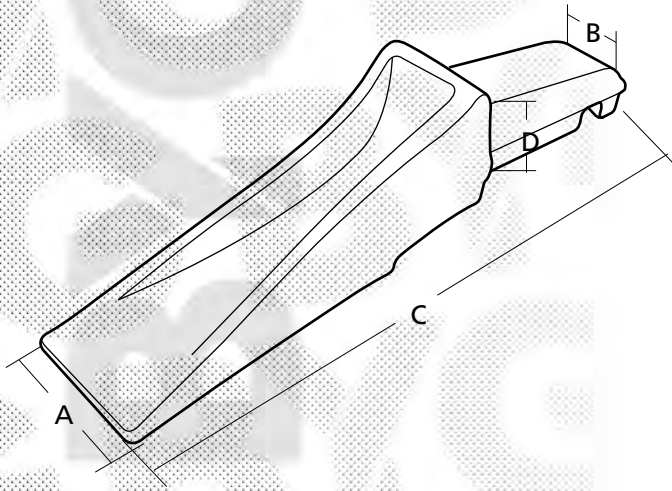
mm.							↓ ↑	KG	Image	Image	Image	Image
A	B	C	D	E	F	G						
62 7,00"	36 1,42"	32 1,26"	260 10,24"	160 6,30"	100 3,94"	36 1,42"	16 - 22 0,63" - 0,87"	2,50 5,51	4047166 30101	4046816	6254673	B0
70 2,76"	42 1,65"	37 1,46"	308 12,13"	190 7,48"	118 4,65"	44 1,73"	25 - 30 0,98" - 1,18"	4,60 10,14	4047167 31102	4046797	6254675	B1
70 2,76"	42 1,65"	37 1,46"	308 12,13"	190 7,48"	118 4,65"	44 1,73"	30 - 35 1,18" - 1,38"	4,57 10,07	4047168 31106			
85 3,35"	54 2,13"	48 1,89"	380 14,96"	230 9,06"	150 5,91"	54 2,13"	30 - 35 1,18" - 1,38"	8,20 18,08	3031537 32101	4046819	6254677	B2
85 3,35"	54 2,13"	48 1,89"	380 14,96"	230 9,06"	150 5,91"	54 2,13"	35 - 40 1,38" - 1,57"	-	3031538 32104			
110 4,33"	59 2,32"	53 2,09"	420 16,54"	255 10,04"	165 6,50"	59 2,32"	40 1,57"	8,20 18,08	3031539 33102	4046862	6254682	B3
125 4,92"	115 4,53"	47 1,85"	525 20,67"	328 12,91"	197 7,76"	70 2,76"	50 - 60 1,97" - 2,36"	22,00 48,50	3031542 34102	4044339	6254682	B4
150 5,91"	100 3,94"	54 2,13"	660 25,98"	400 15,75"	260 10,24"	80 3,15"	80 - 90 3,15" - 3,54"	38,00 83,77	3031386 35102	3031387	6254679	B5

Bofors Loader Teeth



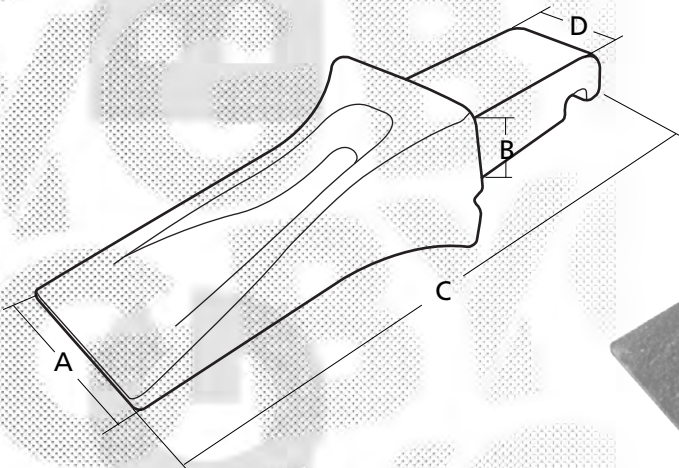
mm.							↓ ↑	KG	Image	Image	Image	Image	Image
A	B	C	D	E	F	G							
59 2,32"	13 0,51"	34 1,34"	230 9,06"	135 5,31"	95 3,74"	34 1,34"	16 - 22 0,63" - 0,87"	-	4038279	4038219	M-10090	TM-010	B0
59 2,32"	14 0,55"	40 1,57"	290 11,42"	157 6,18"	133 5,24"	40 1,57"	25 0,98"	3,50 7,72	4038208	4038223	M-10090	TM-010	B1
80 3,15"	14 0,55"	50 1,97"	360 14,17"	205 8,07"	155 6,10"	50 1,97"	30 1,18"	6,10 13,45	3027580	4038210	M-10090	TM-010	B2

Bofors Loader Teeth



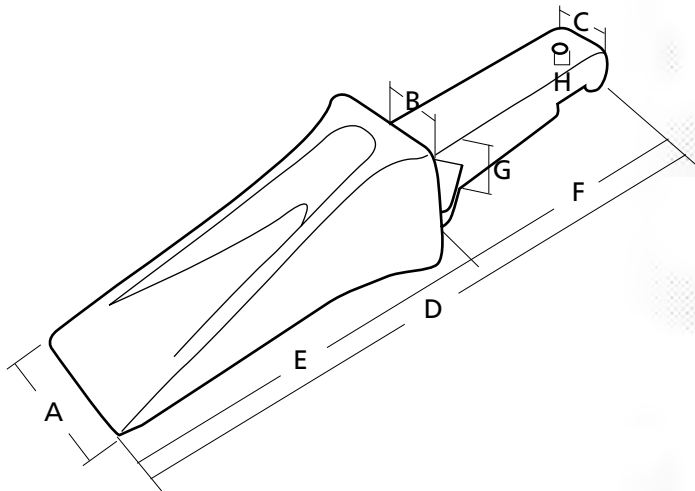
mm.									
A	B	C	D						
65 2,56"	34 1,34"	241 9,49"	34 1,34"	16 - 20 0,63" - 0,79"	2,27 5,00	3000-FN	H-300	5-ST	B0
70 2,76"	44 1,73"	291 11,46"	32 1,26"	20 - 25 0,79" - 0,98"	3,60 7,94	7014	-	5-STE	-
75 2,95"	40 1,57"	291 11,46"	40 1,57"	25 - 30 0,98" - 1,18"	4,00 8,82	4000-FN	H-400		
80 3,15"	45 1,77"	320 12,60"	42 1,65"	30 - 35 1,18" - 1,38"	-	<i>5000-FN</i>	H-500	10-ST	B1
90 3,54"	50 1,97"	372 14,65"	50 1,97"	30 - 35 1,18" - 1,38"	7,15 15,76	7500-FN	H-750	15-ST	
90 3,54"	50 1,97"	372 14,65"	55 2,17"	35 - 40 1,38" - 1,57"	8,10 17,86	8000-FN	H-800		B2
95 3,74"	60 2,36"	410 16,14"	57 2,24"	40 - 45 1,57" - 1,77"	10,50 23,15	10000-FN	H-1000	20-ST	B3

Bofors Excavator Teeth



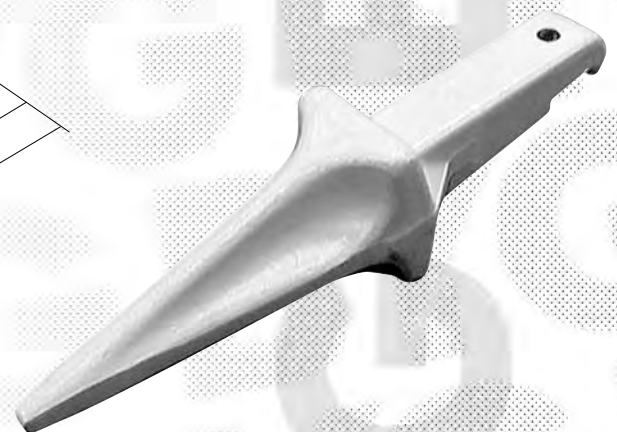
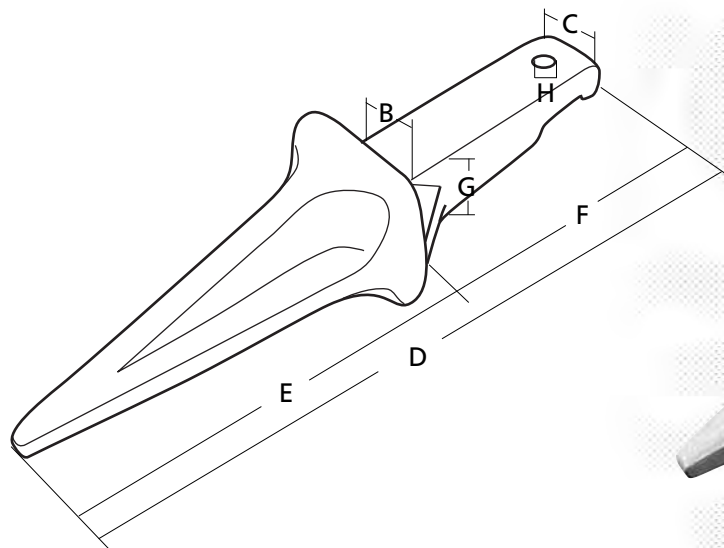
mm.									
A	B	C	D						
75 2,95"	44 1,73"	240 9,45"	32 1,26"	16 - 20 0,63" - 0,79"	2,65 5,84	7015	-	5-STE	-

Bofors Excavator Teeth



mm.													Bofors	O&K		
A	B	C	D	E	F	G	H									
80 3,15"	44 1,73"	41 1,61"	340 13,39"	190 7,48"	150 5,91"	44 1,73"	15 0,59"	16 - 20 0,63" - 0,79"	6,00 13,23	4044336* 31101		3031434	6254675	BF-2073	8E-6259	B1
90 3,54"	52 2,05"	49 1,93"	408 16,06"	230 9,06"	178 7,01"	52 2,05"	15 0,59"	25 - 30 0,98" - 1,18"	9,70 21,38	4044428* 32102		3031394	6254677	BF-2073	8E-6259	B2
100 3,94"	58 2,28"	55 2,17"	485 19,09"	270 10,63"	215 8,46"	58 2,28"	24 0,94"	35 - 40 1,38" - 1,57"	14,00 30,86	3031334* 33101		3031395	6254682	BF-2886	8E-6359	B3
110 4,33"	64 2,52"	62 2,44"	545 21,46"	305 12,01"	240 9,45"	64 2,52"	24 0,94"	40 - 50 1,57" - 1,97"	20,50 45,19	3031335* 34101		3031396	6254682	BF-2886	8E-6359	B4
125 4,92"	75 2,95"	72 2,83"	595 23,43"	340 13,39"	255 10,04"	75 2,95"	26 1,02"	50 - 60 1,97" - 2,36"	29,00 63,93	3031336* 35101		3031397	6254679	BF-3097	8E-8469	B5

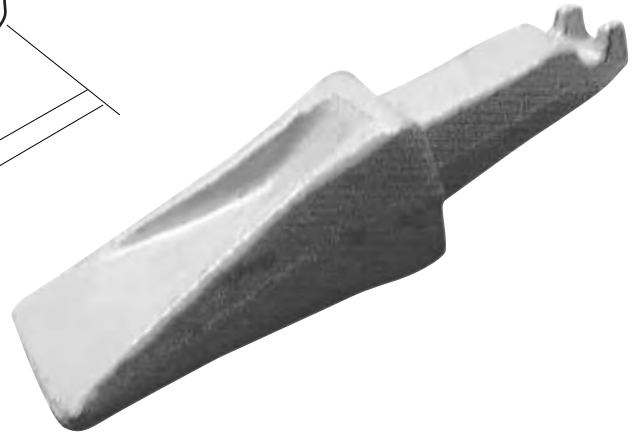
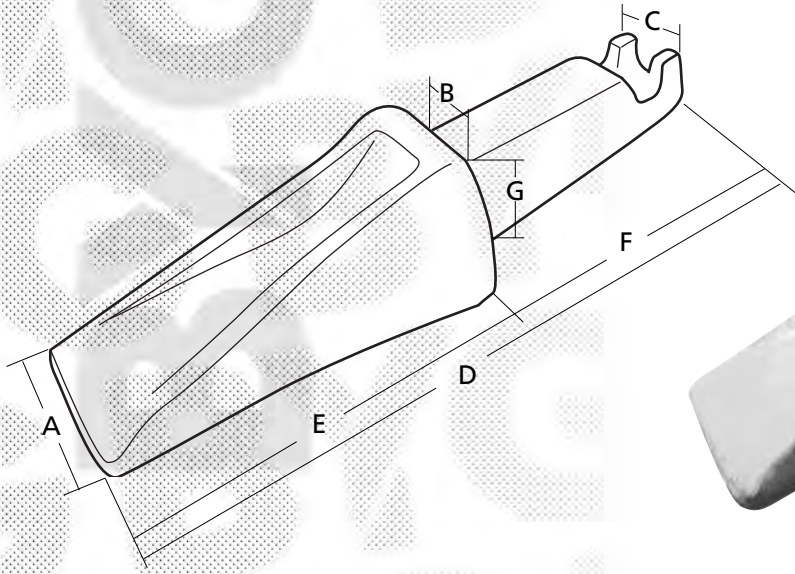
Bofors Excavator Teeth VIP



mm.											Bofors	O&K			
B	C	D	E	F	G	H									
52 2,05"	49 1,93"	435 17,13"	247 9,72"	188 7,40"	52 2,05"	15 0,59"	25 - 30 0,98" - 1,18"	8,70 19,18	4046911* 32103		3031394	6254677	BF-2073	8E-6259	B2
58 2,28"	55 2,17"	505 19,88"	290 11,42"	215 8,46"	58 2,28"	24 0,94"	35 - 40 1,38" - 1,57"	12,50 27,56	3031364* 33103		3031395	6254682	BF-2886	8E-6359	B2

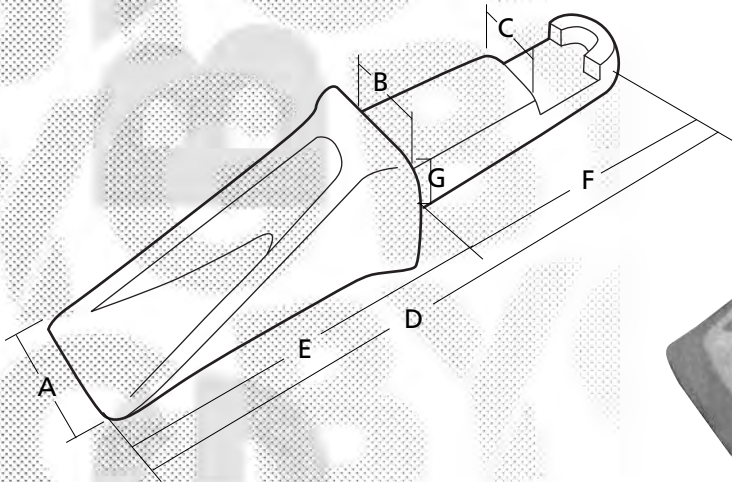
* Our teeth are prepared to be mounted with both systems, **Bofors** side pin and **O&K** vertical pin system

Bofors Excavator Teeth



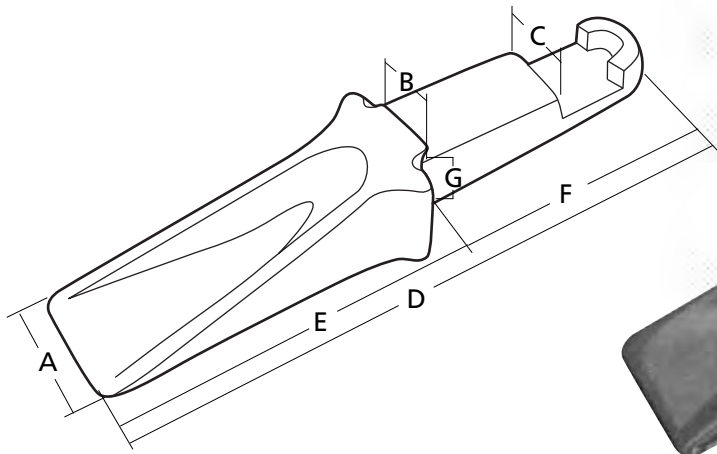
mm.															
A	B	C	D	E	F	G									
62	-	34	228	136	92	34	16 - 20	2,12	3000-BT	H-300	5-ST	B0			
2,44"	-	1,34"	8,98"	5,35"	3,62"	1,34"	0,63" - 0,79"	4,67							
70	-	40	268	163	105	40	25 - 30	3,30	4000-BT	H-400	10-ST	B1			
2,76"	-	1,57"	10,55"	6,42"	4,13"	1,57"	0,98" - 1,18"	7,28							
80	-	50	340	-	-	50	40	-	7500-BT	H-750	15-ST	B3			
3,15"	-	1,97"	13,39"	-	-	1,97"	1,57"	-							

Bofors Excavator Teeth



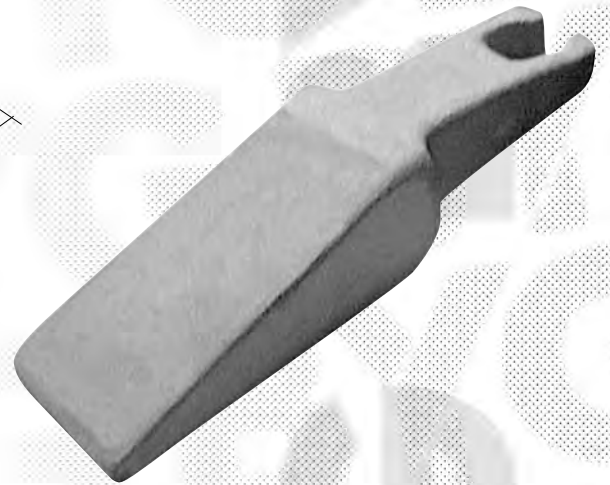
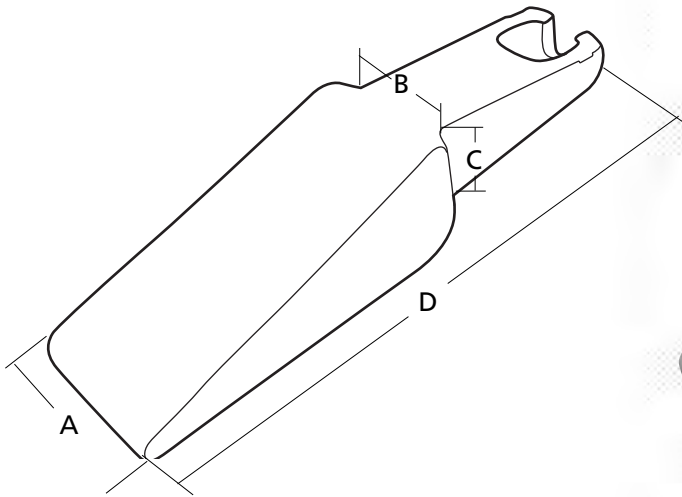
mm.													
A	B	C	D	E	F	G							
62	36	32	228	135	102	36	16 - 22	2,20	4046818 30104	4046816	6254673	B0	
2,44"	1,42"	1,26"	8,98"	5,31"	4,02"	1,42"	0,63" - 0,87"	4,85					
65	42	37	279	162	117	44	25	3,70	4046799 31104	4046797	6254675	B1	
2,56"	1,65"	1,46"	10,98"	6,38"	4,61"	1,73"	0,98"	8,16					
80	42	37	310	184	126	44	25	-	4046961 31105	4046797	6254675	B1	
3,15"	1,65"	1,46"	12,20"	7,24"	4,96"	1,73"	0,98"	-					
80	54	48	345	202	143	54	30	7,40	3032682 32105	4046819	6254677	B2	
3,15"	2,13"	1,89"	13,58"	7,95"	5,63"	2,13"	1,18"	16,31					
110	59	52	397	235	162	59	40	11,20	3031354 33104	4046862	6254682	B3	
4,33"	2,32"	2,05"	15,63"	9,25"	6,38"	2,32"	1,57"	24,69					

Bofors Clamshell Teeth



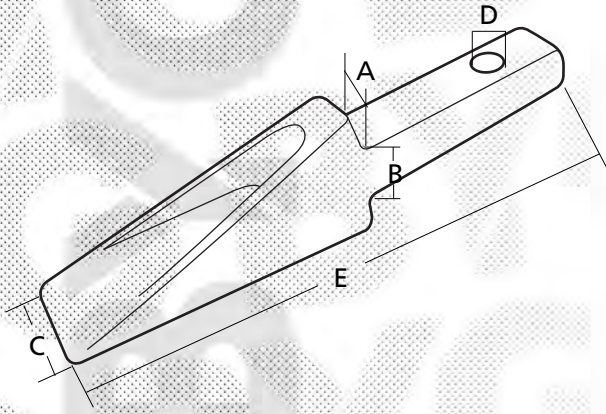
mm.													
A	B	C	D	E	F	G							
62 2,44"	62 2,44"	36 1,42"	247 9,72"	145 5,71"	102 4,02"	52 2,05"	16 - 22 0,63" - 0,87"	2,10 4,63	4044291 30103	4046816	6254673	B0	
70 2,76"	70 2,76"	42 1,65"	292 11,50"	167 6,57"	125 4,92"	64 2,52"	25 0,98"	3,30 7,28	4044388 31103	4046797	6254675	B1	
85 3,35"	91 3,58"	54 2,13"	410 16,14"	255 10,04"	155 6,10"	77 3,03"	30 1,18"	6,00 13,23	3031362	4046819	6254677	B2	

Bofors Clamshell Teeth for Poclain



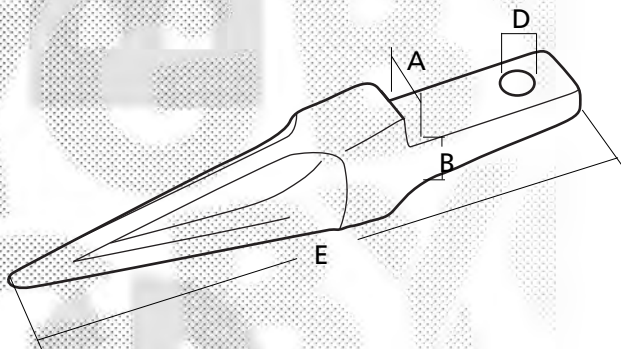
mm.											
A	B	C	D								
75 2,95"	52 2,05"	50 1,97"	247 9,72"	5,30 11,68	1040-15	1040-78	M-14060	TM-014	0-214	B2	

Bofors Clamshell Teeth



mm.										
A	B	C	D	E						
45 1,77"	45 1,77"	76 2,99"	14 0,55"	333 13,11"	25 0,98"	5,00 11,02	4037988	4043608	200-14-OL	B1
50 1,97"	50 1,97"	80 3,15"	14 0,55"	24 0,94"	345 13,58"	30 1,18"	4046729*	130-02	200-14-OL	B2
57 2,24"	58 2,28"	90 3,54"	20 0,79"	400 15,75"	30 1,18"	10,00 22,05	4046663	3031112	200-18-OL	B3
		92 3,62"	20 0,79"	485 19,09"		NA! NA!	4038261 38111			
		92 3,62"	28 1,10"	485 19,09"		12,00 26,46	4038207			
		92 3,62"	20 0,79"	450 17,72"		-	4038257			
		92 3,62"	28 1,10"	450 17,72"		-	4038205			
64 2,52"	64 2,52"	95 3,74"	20 0,79"	510 20,08"	40 1,57"	16,00 35,27	3027689 38104	3031113	200-18-OL	B4
75 2,95"	75 2,95"	105 4,13"	20 0,79"	580 22,83"	60 2,36"	24,00 52,91	3027512 38101	3031265	200-18-OL	B5

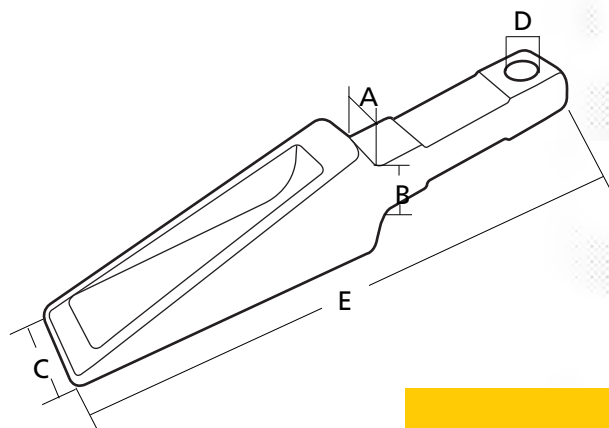
Bofors Clamshell Teeth



mm.										
A	B	D	E							
50 1,97"	50 1,97"	14 0,55"	24 0,94"	404 15,91"	30 1,18"	7,00 15,43	330-14*	130-02	200-14-OL	B2
57 2,24"	58 2,28"	20 0,79"	28 1,10"	460 18,11"	40 1,57"	11,00 24,25	4046746	3031112	200-18-OL	B3
		-		-	-	4046746E				
64 2,52"	64 2,52"	20 0,79"	550 21,65"	50 1,97"	-	-	340-20	3031113	200-18-OL	B4
75 2,95"	75 2,95"	20 0,79"	630 24,80"	60 2,36"	-	-	3452038	3031265	200-18-OL	B5

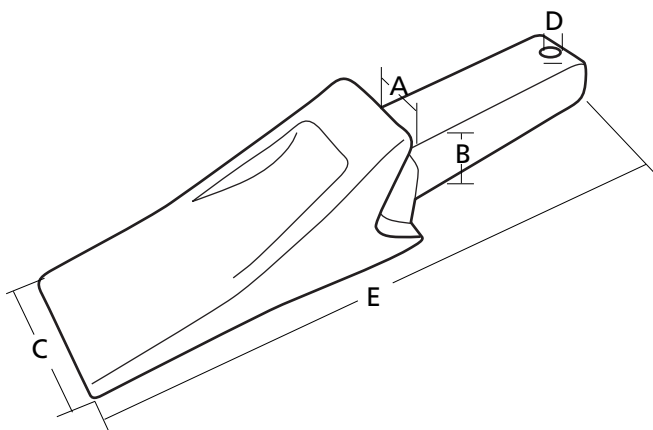
*Component manufactured with two holes of 14 mm. and 24 mm.

Bofors Excavator Teeth



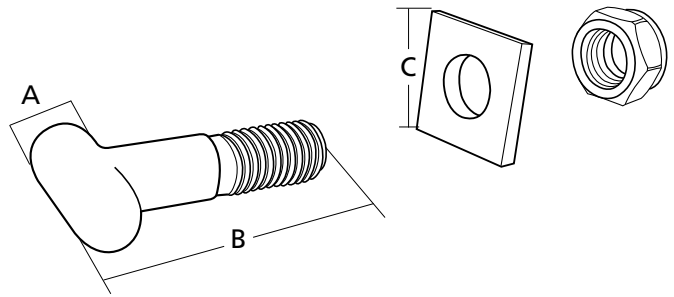
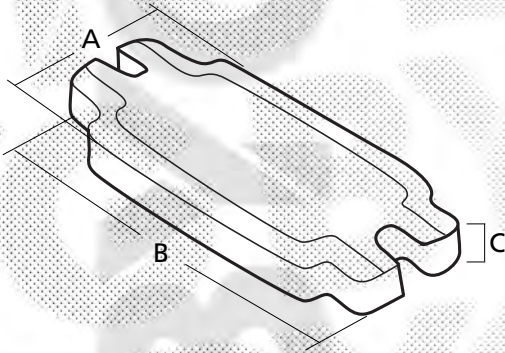
mm.						
A	B	C	D	E		
102 4,02"	88 3,46"	140 5,51"	26 1,02"	620 24,41"	39,20 86,42	231665

Bofors Excavator Teeth



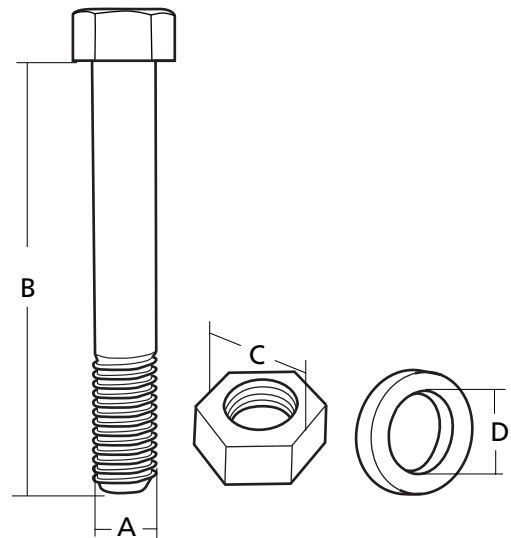
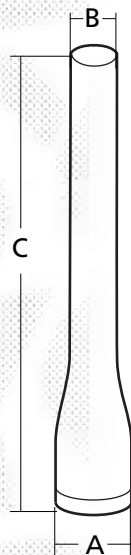
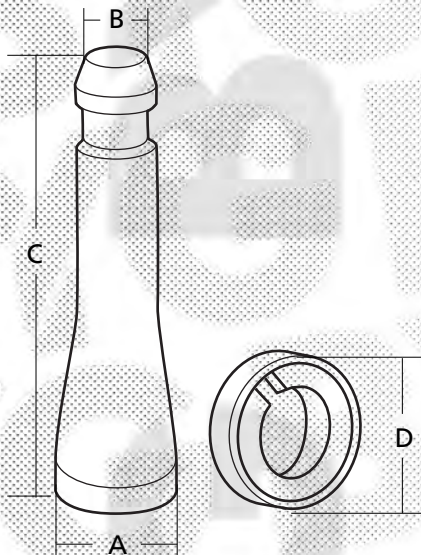
mm.										
A	B	C	D	E						
64 2,52"	64 2,52"	120 4,72"	20 0,79"	510 20,08"	50 1,97"	-	3027538	3031113	200-18-OL	B4
75 2,95"	75 2,95"	150 5,91"	20 0,79"	590 23,23"	60 2,36"	32,00 70,55	3027524 38102	3031265	200-18-OL	B5

Fasteners



mm.				
A	B	C		
27 1,06"	59 2,32"	8 0,31"	0,05 0,11	6254673 30201
32 1,26"	73 2,87"	10 0,39"	0,09 0,20	6254675 31201
34 1,34"	86 3,39"	10 0,39"	0,12 0,26	6254677 32201
39 1,54"	96 3,78"	11 0,43"	0,18 0,40	6254682 33201
50 1,97"	120 4,72"	13 0,51"	0,32 0,71	6254679 35201
55 2,17"	120 4,72"	13 0,51"	0,37 0,82	6220086 36203

mm.				
A	B	C		
10 0,39"	63 2,48"	25 0,98"	5-ST	TA-010
12 0,47"	57 2,24"	25 0,98"	5-STE	TA-012
12 0,47"	74 2,91"	40 1,57"	10-ST	TA-012
12 0,47"	84 3,31"	40 1,57"	15-ST	TA-012
14 0,55"	96 3,78"	50 1,97"	20-ST	TA-014



mm.					
A	B	C	D		
20 0,79"	14 0,55"	73 2,87"	30 1,18"	BF-2073	8E-6259
28 1,10"	19 0,75"	97 3,82"	40 1,57"	BF-2886	8E-6359
30 1,18"	25 0,98"	97 3,82"	44 1,73"	BF-3097	8E-8469

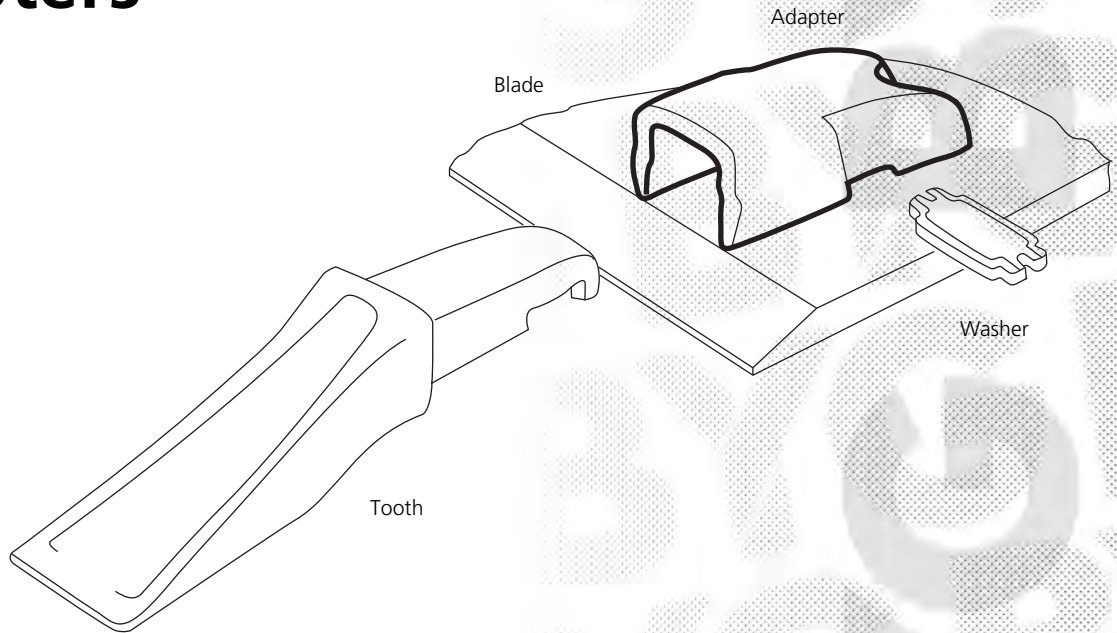
mm.			
A	B	C	
19 0,75"	13 0,51"	120 4,72"	200-14-OL
28 1,10"	18 0,71"	150 5,91"	200-18-OL

mm.						
A	B	C	D			
10 0,39"	90 3,54"	17 0,67"	-	M-10090	TM-010	-
14 0,55"	60 2,36"	22 0,87"	16 0,63"	M-14060	TM-014	O-214

DRP Bofors

Adapters

Bold ref. number, product available
Other ref. number please consult.

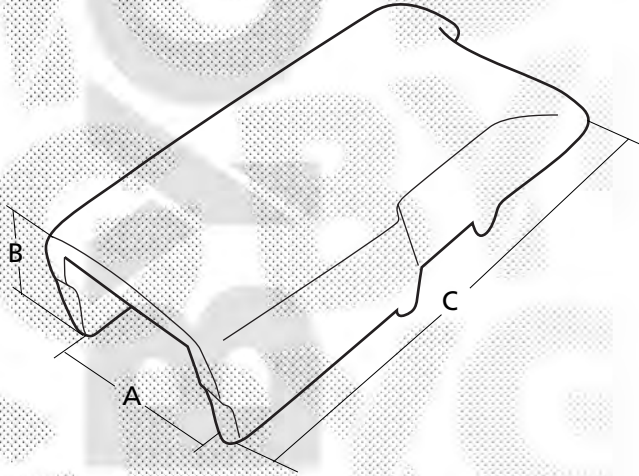


Start Strength	Standard	HD	Standard	HD
100KN	B0	B0	B0	B0
200KN	B1	B1	B1	B1
300KN	B2	B2	B2	B2
400KN	B3	B3	B3	B3
500KN	B4	B4	B4	B4
	B5	B5	B5	B5

Grade	Thickness (mm)
B0	16-22 mm
B1	25-30 mm
B2	30-35 mm
B3	40-45 mm
B4	50-60 mm
B5	60-90 mm

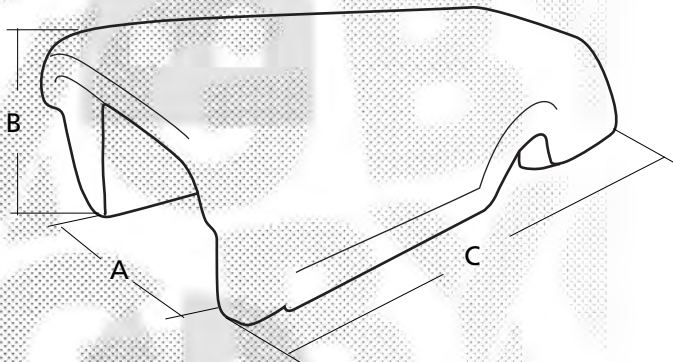
B-Lock	Side Pin	Clamshell	Clamshell	B-Lock	Bolt-On	Grade
4046816 31006	4038219	-	-	300-H	-	B0
4046797 31004	4038223	4043608	3031434 31003E	400-H	-	B1
4046819 32004	4038210	130-02	3031394 32003	<i>500-H</i>	1040-78	B2
4046862 33004	-	3031112	3031395 33003	-	-	B3
4044339 34004	-	3031113	3031396 34003	<i>750-H</i>	-	B4
3031387 35003	-	3031265	3031397 35004	-	-	B5

Bofors B-Lock Adapter



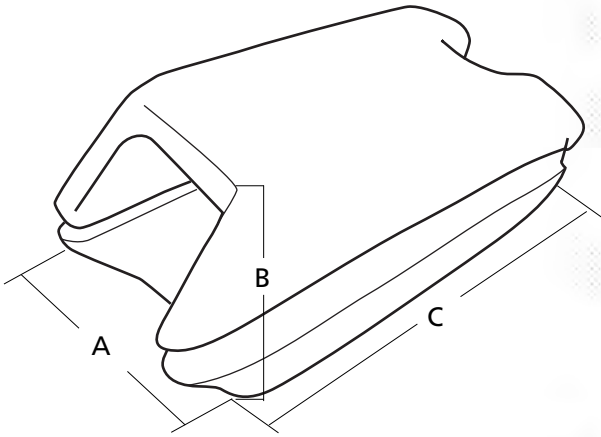
mm.									
A	B	C							
64 2,52"	50 1,97"	121 4,76"	1,00 2,20	4046816 31006	4047166	4046818	4044291	6254673	B0
77 3,03"	61 2,40"	160 6,30"	1,90 4,19	4046797 31004	4047167	4046799	4044388	6254675	B1
94 3,70"	74 2,91"	209 8,23"	3,80 8,38	4046819 32004	3031537	3032682	3031362	6254677	B2
105 4,13"	83 3,27"	216 8,50"	5,10 11,24	4046862 33004	3031539	3031354	-	6254682	B3
134 5,28"	106 4,17"	238 9,37"	8,20 18,08	4044339 34004	3031542	-	-	6254682	B4
167 6,57"	123 4,84"	300 11,81"	18,50 40,78	3031387 35003	3031386	-	-	6254679	B5

Side Pin Adapter



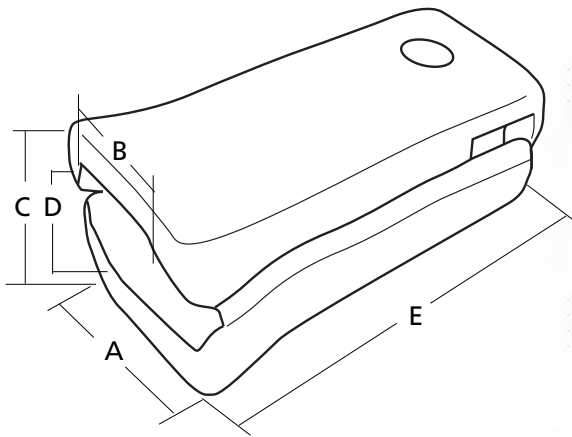
mm.									
A	B	C							
60 2,36"	46 1,81"	145 5,71"	- -	4038219	4038279	M-10090	TM-010		B0
70 2,76"	52 2,05"	180 7,09"	2,50 5,51	4038223	4038208	M-10090	TM-010		B1
90 3,54"	71 2,80"	228 8,98"	4,50 9,92	4038210	3027580	M-10090	TM-010		B2

Bofors B-Lock Adapter Vertical Pin System



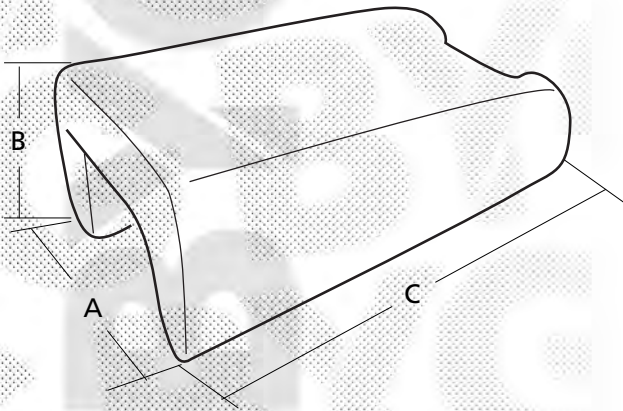
mm.			KG	Image	Image	Image	Image	Image	Image
A	B	C							
80 3,15"	90 3,54"	200 7,87"	5,20 11,46	4043608	4037988	-	-	200-14-OL	B1
82 3,23"	106 4,17"	220 8,66"	5,20 11,46		130-02	4046729	330-14	-	200-14-OL
116 4,57"	116 4,57"	240 9,45"	11,00 24,25	3031112	4046663 4038261 4038207 4038257 4038205	4046746 4046746E	-	200-18-OL	B3
116 4,57"	134 5,28"	300 11,81"	15,40 33,95		3031113	3027689	340-20	3027538	200-18-OL
121 4,76"	145 5,71"	330 12,99"	19,10 42,11	3031265	3027512	3452038	3027524	200-18-OL	B5

Bofors B-Lock Adapter / O&K Vertical Pin System Adapter



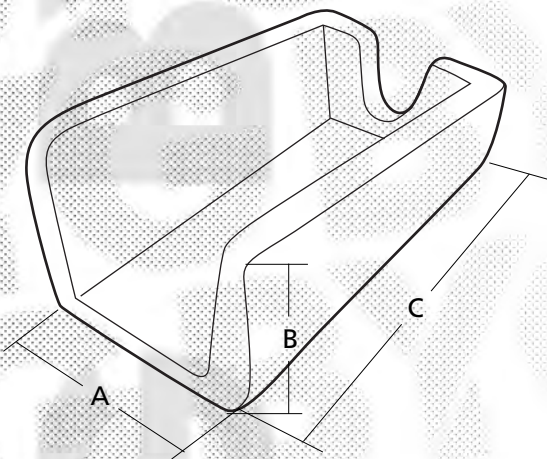
mm.					KG	Image	Image	Image	Bofors		O&K	
A	B	C	D	E					Image	Image	Image	Image
100 3,94"	45 1,77"	95 3,74"	45 1,77"	195 7,68"	7,00 15,43	3031434 31003E	4044336	-	6254675	BF-2073	8E-6259	B1
116 4,57"	53 2,09"	104 4,09"	53 2,09"	230 9,06"	9,50 20,94	3031394 32003	4044428	4046911	6254677	BF-2886	8E-6359	B2
125 4,92"	59 2,32"	110 4,33"	59 2,32"	268 10,55"	12,50 27,56	3031395 33003	3031334	3031364	6254682	BF-2886	8E-6359	B3
140 5,51"	66 2,60"	126 4,96"	64 2,52"	300 11,81"	18,00 39,68	3031396 34003	3031335	-	6254682	BF-3097	8E-8469	B4
155 6,10"	77 3,03"	140 5,51"	75 2,95"	318 12,52"	27,00 59,52	3031397 35004	3031336	-	6254679	BF-3097	8E-8469	B5

Bofors Rear Lock Adapter



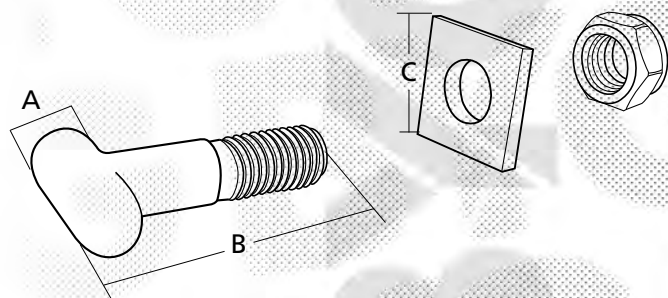
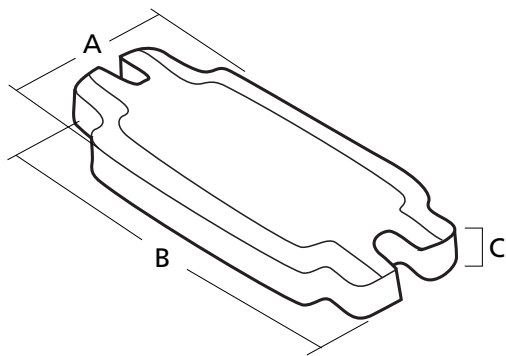
mm.										
A	B	C								
65 2,56"	48 1,89"	120 4,72"	1,25 2,76	300-H	3000-BT	3000-FN	5-ST	B0		
74 2,91"	57 2,24"	150 5,91"	1,80 3,97	400-H	4000-BT	4000-FN	10-ST	B1		
81 3,19"	68 2,68"	160 6,30"	- -	<i>500-H</i>	-	5000-FN	10-ST	B2		
86 3,39"	70 2,76"	185 7,28"	- -	<i>750-H</i>	7500-BT	7500-FN	15-ST	B4		

Bolt-On Adapter



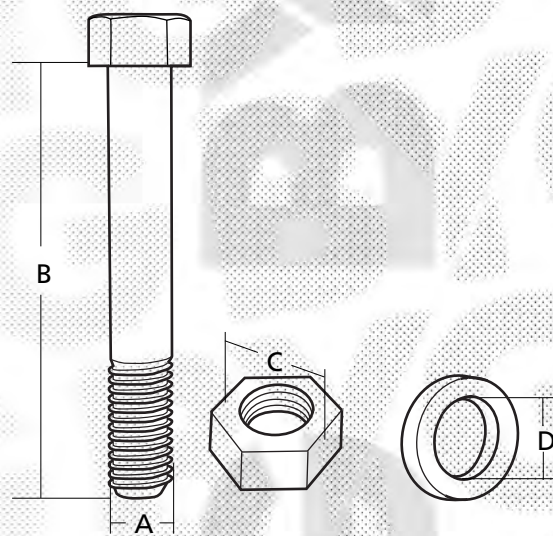
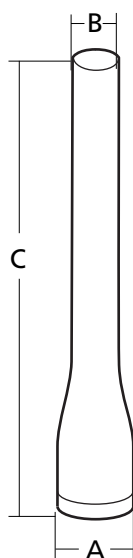
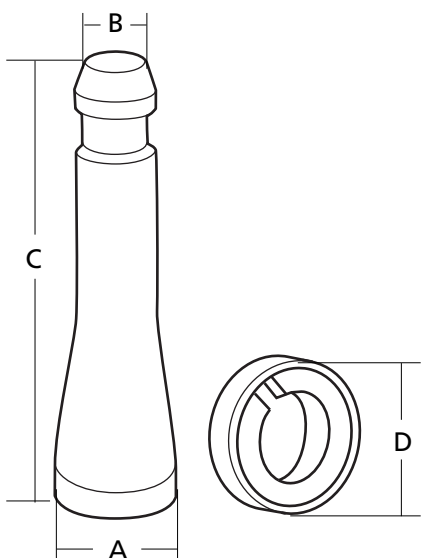
mm.									
A	B	C							
93 3,66"	50 1,97"	143 5,63"	1,60 3,53	1040-78	1040-15	M-14060	TM-014	0-214	B2

Fasteners



mm.				
A	B	C		
27 1,06"	59 2,32"	8 0,31"	0,05 0,11	6254673 30201
32 1,26"	73 2,87"	10 0,39"	0,09 0,20	6254675 31201
34 1,34"	86 3,39"	10 0,39"	0,12 0,26	6254677 32201
39 1,54"	96 3,78"	11 0,43"	0,18 0,40	6254682 33201
50 1,97"	120 4,72"	13 0,51"	0,32 0,71	6254679 35201
55 2,17"	120 4,72"	13 0,51"	0,37 0,82	6220086 36203

mm.				
A	B	C		
10 0,39"	63 2,48"	25 0,98"	5-ST	TA-010
12 0,47"	57 2,24"	25 0,98"	5-STE	TA-012
12 0,47"	74 2,91"	40 1,57"	10-ST	TA-012
12 0,47"	84 3,31"	40 1,57"	15-ST	TA-012
14 0,55"	96 3,78"	50 1,97"	20-ST	TA-014



mm.					
A	B	C	D		
20 0,79"	14 0,55"	73 2,87"	30 1,18"	BF-2073	8E-6259
28 1,10"	19 0,75"	97 3,82"	40 1,57"	BF-2886	8E-6359
30 1,18"	25 0,98"	97 3,82"	44 1,73"	BF-3097	8E-8469

mm.			
A	B	C	
19 0,75"	13 0,51"	120 4,72"	200-14-OL
28 1,10"	18 0,71"	150 5,91"	200-18-OL

mm.						
A	B	C	D			
10 0,39"	90 3,54"	17 0,67"	-	M-10090	TM-010	-
14 0,55"	60 2,36"	22 0,87"	16 0,63"	M-14060	TM-014	O-214



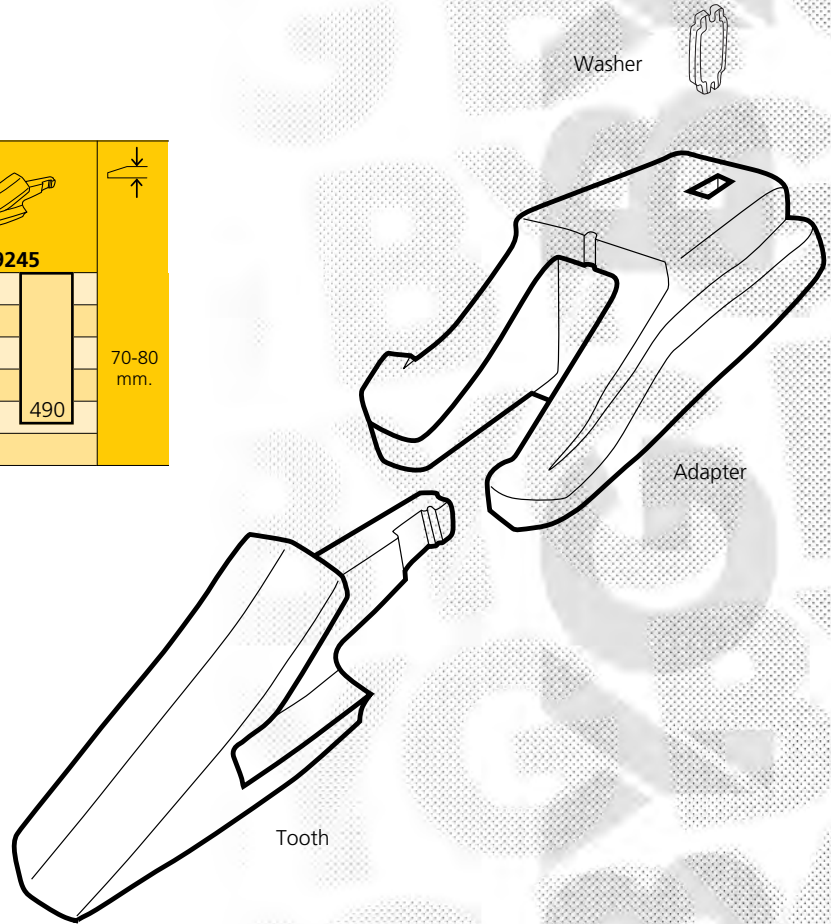


DRP Bofors

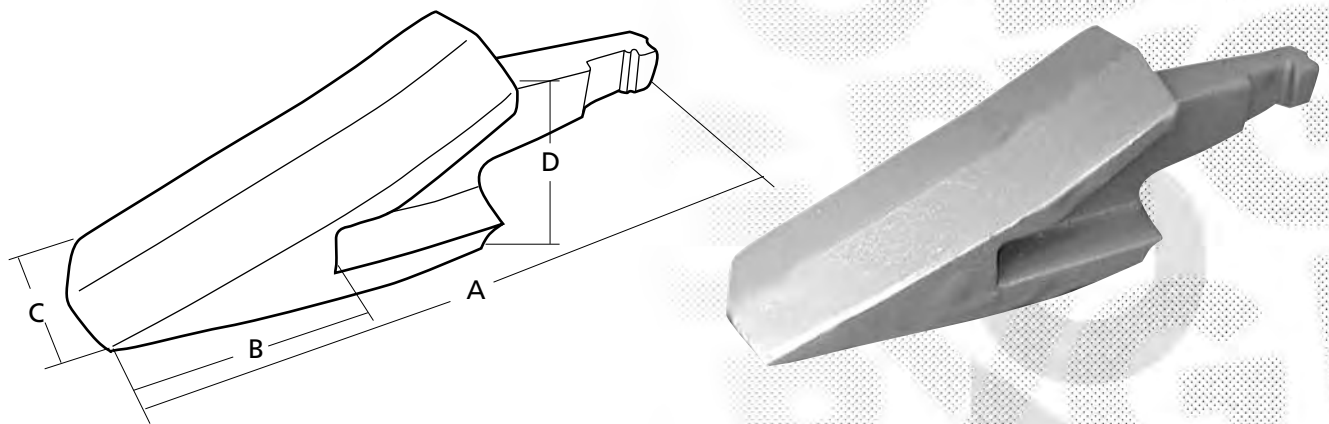
Mining

Bold ref. number, product available
Other ref. number please consult.

Start Strength	3031298	60-70 mm.	2019245	70-80 mm.
100KN				
200KN	286			
300KN	343			
400KN			490	
500KN			588	
600KN				

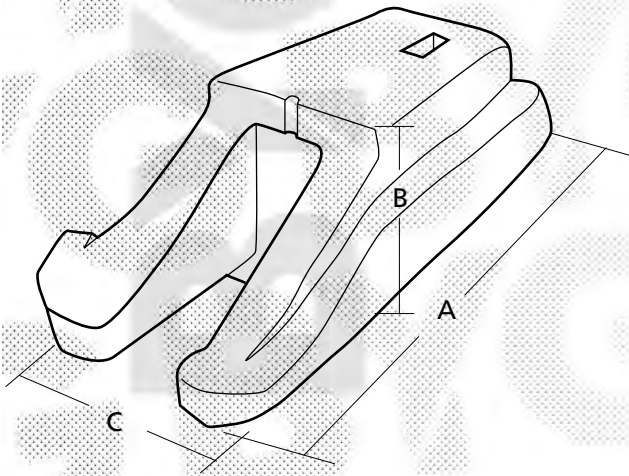


Bofors Mining Teeth



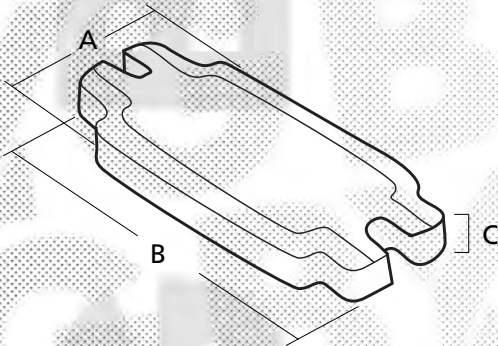
mm.				↓ ↑	KG			
A	B	C	D					
575 22,64"	375 14,76"	150 5,91"	157 6,18"	60 - 70 2,36" - 2,76"	-	3031298 36102	3031299	6254682
655 25,79"	430 16,93"	150 5,91"	205 8,07"	70 - 80 2,76" - 3,15"	48,70 107,36	2019245 36101	2019254	6220086

Bofors Mining Adapter



mm.							
A	B	C					
438 17,24"	144 5,67"	220 8,66"	60 - 70 2,36" - 2,76"	-	3031299 36006	3031298	6254682
493 19,41"	185 7,28"	215 8,46"	70 - 80 2,76" - 3,15"	62,00 136,68	2019254 36001	2019245	6220086

Fasteners



mm.				
A	B	C		
39 1,54"	96 3,78"	11 0,43"	0,18 0,40	6254682 33201
55 2,17"	120 4,72"	13 0,51"	0,37 0,82	6220086 36203



Loaders

Bold ref. number, product available
Other ref. number please consult.



T1	T2	T29	T3	T4	T8	T9		A1	A8	BA	
10111 1,7 Kg.	-	10129 1,7 Kg.	-	-	-	-	10306	10001	-	-	C0
11111 2,3 Kg.	-	11129 2,4 Kg.	11113 3 Kg.	-	-	-		11001	-	-	C1
12111 4,7 Kg.	-	12129 3,9 Kg.	12113 5,6 Kg.	-	-	-	12306	12001	12012	12052	C2
13111 7,3 Kg.	13112 9,1 Kg.	13129 6,8 Kg.	13113 8,7 Kg.	13114 9 Kg.	-	-	13306	-	13013	13051	C3
14111 12,4 Kg.	-	14129 11,6 Kg.	14113 14,3 Kg.	-	-	-	14306	13001	13012	13052	C3
-	15112 22,3 Kg.	15129 19,6 Kg.	-	-	15118 27,4 Kg.	15119 24,2 Kg.	15306	14001	14012	14052	C4
-	16112 36,9 Kg.	16129 41,5 Kg.	-	-	-	-		15001	15006	-	C5
-	-	-	-	-	-	-	16306	16007	-	-	C6
-	-	-	-	-	-	-		16008	-	-	C6



Excavator

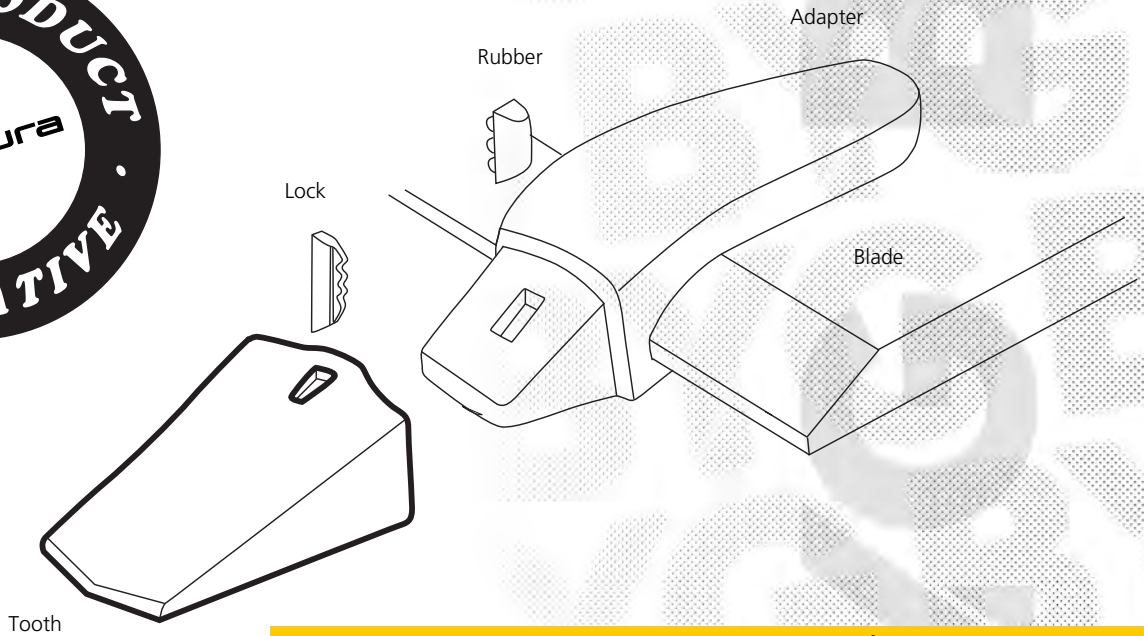






T5	T6	T7	T8	T25	T35	T45			A5	A8	
-	-	-	-	-	-	-	10306	20	-	-	C0
11115 3,1 Kg.	11116 6 Kg.	-	-	-	11135 2,7 Kg.	-		25	-	11002	C1
12115 3,9 Kg.	12116 6,5 Kg.	12117 3 Kg.	-	-	12135 3,5 Kg.	12145 4 Kg.	12306	25 30	- 12002	12007 12008	C2
13115 6,7 Kg.	13116 10,6 Kg.	13117 5,1 Kg.	-	13125 6,5 Kg.	13135 6,3 Kg.	13145 7,4 Kg.	13306	35 40	- 13002	13009 13008	C3
14115 14 Kg.	-	14117 9,7 Kg.	14118 17,7 Kg.	-	14135 12,6 Kg.	14145 16,7 Kg.	14306	40 50	- 14002	14009 14008	C4
15115 22,6 Kg.	-	15117 18,6 Kg.	15118 27,4 Kg.	-	15135 20,2 Kg.	15145 24,5 Kg.	15306	60 70 75	- - -	15009 15007 15008	C5
16115 38 Kg.	-	-	-	-	16135 35,6 Kg.	-	16306	75 90	- -	16007 16008	C6

DRP
Esco











Conical System Teeth

Bold ref. number, product available
Other ref. number please consult.
 **Futura Alternative**



 Power HP Wheels Chain				 Power HP Streight Sudden Weight in Tons. Bucket Capacity
50-190	50-160	25 mm	25	45-100 4-12 10-20 300-1000
170-280	130-250	30 mm	30	80-150 9-16 17-25 500-1400
250-350	230-300	35 mm	35	140-200 13-20 20-30 600-1600
320-500	275-400	40 mm	40	170-300 18-26 30-35 700-2000
400		45 mm	45-50	50-400 24-40 45-70 1000-3500

3

Standard - TL	Twin Tiger	Centerline	Standard	V-Shaped	Rock	Rock Chisel	Dual Purpose	Mining	
									
18-TL FE18-L	18-WTL	-	-	18-VIP FE18 P	-	-	-	-	18
-	-	25-S FE25 S	25-STD	25-VIP	25-R	-	25-T	-	25
-	-	30-S FE30 S	30-STD	30-VIP	30-R	30-RDX	30-T	-	30
-	-	35-S FE35 S	35-STD	35-VIP	35-R	-	35-T	-	35
-	-	40-S FE40 S	40-STD	40-VIP	40-R	40-RDX	40-T	-	40
-	-	45-S	-	45-VIP	45-R	45-RDX	45-T	-	45
-	-	50-S	-	50-VIPL	50-R	50-RDX	-	-	50
-	-	-	-	55-VIPL	55-R	55-RDX	-	-	55
-	-	-	-	-	65-R	-	-	-	65
-	-	-	70-STD	-	70-R	-	-	-	70
-	-	-	-	-	-	-	-	77-HBP	77


Teeth

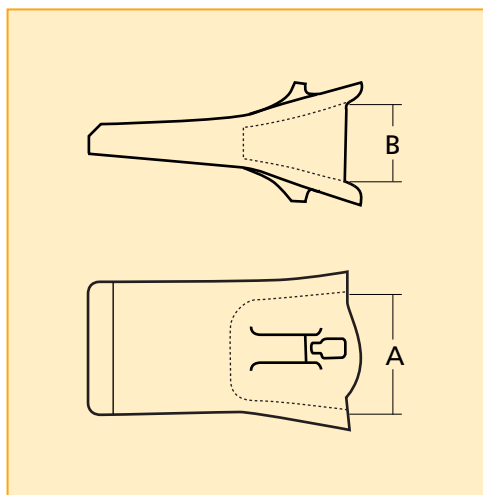
What you need to Know

How to identify a Conical Tooth

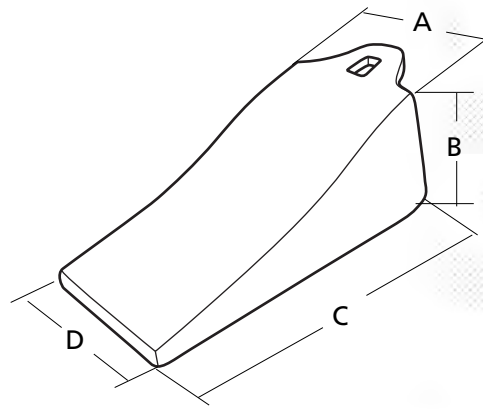
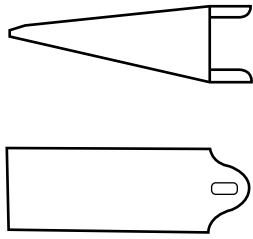
In order to determine the size of a conical tooth whose reference has disappeared due to wear or any other reason we will take the internal dimensions A and B as reference. We don't take external measurements as reference because they may have been affected by the wear. To find out the size of a conical tooth we may also take the reference number or the dimensions of the corresponding rubbers and pins.

The following table will help you determine the size of any conical tooth.

mm.		
A	B	
46	38	18
65	60	25
76	60	30
89	73	35
102	79	40
114	89	45
124	94	50
137	108	55
162	133	65
173	135	70
386	184	77

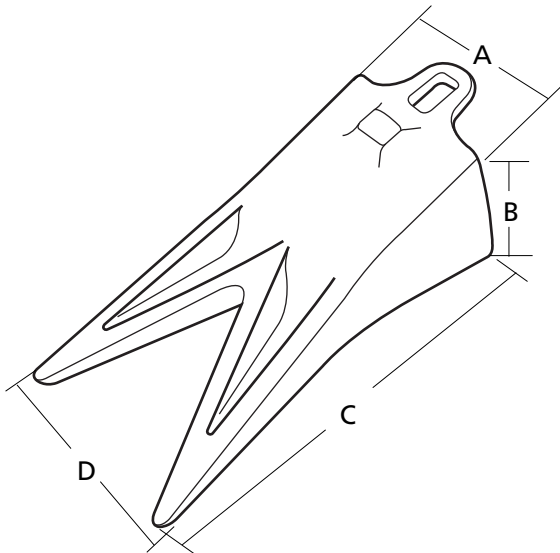


Esco Conical Teeth: TL



mm.				KG								
A	B	C	D									
60 2,36"	51 2,01"	120 4,72"	55 2,17"	1,00 2,20	18-TL	FE 18 L	18-PN 18-PNR	18-LK 18-LKR	18-800	833-18	3829-18	18

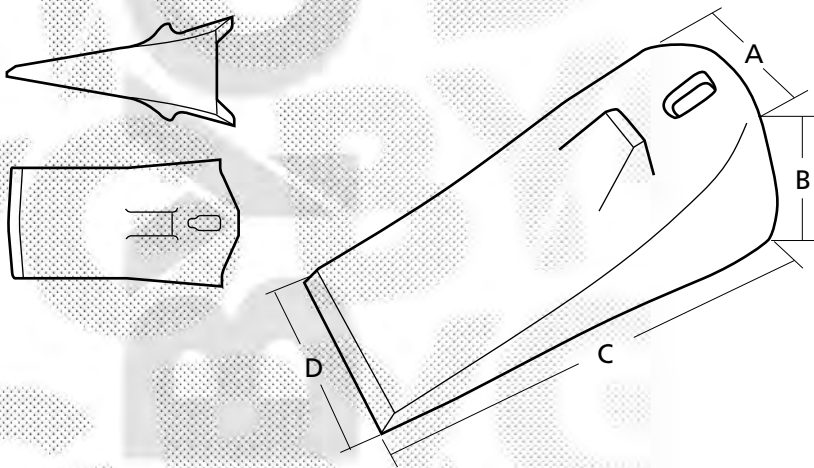
Esco Conical Teeth: WTL



3

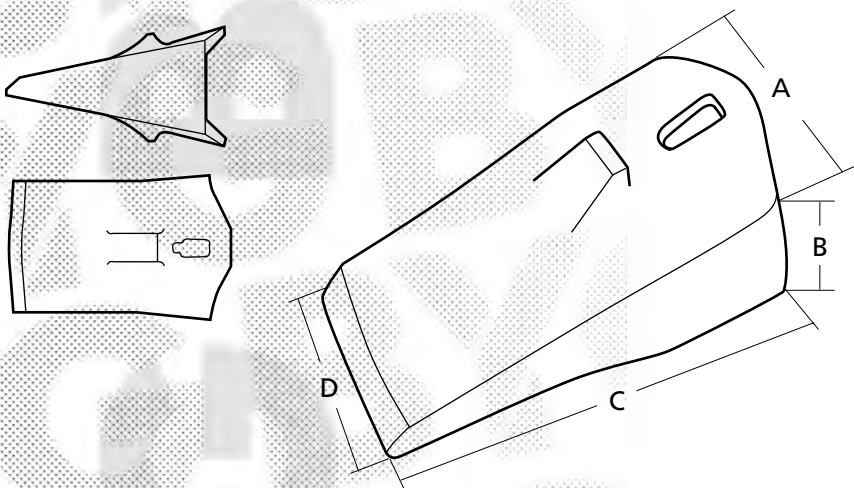
mm.				KG							
A	B	C	D								
58 2,28"	50 1,97"	134 5,28"	72 2,83"	0,90 1,98	18-WTL	18-PN 18-PNR	18-LK 18-LKR	18-800	833-18	3829-18	18

Esco Conical Teeth: S



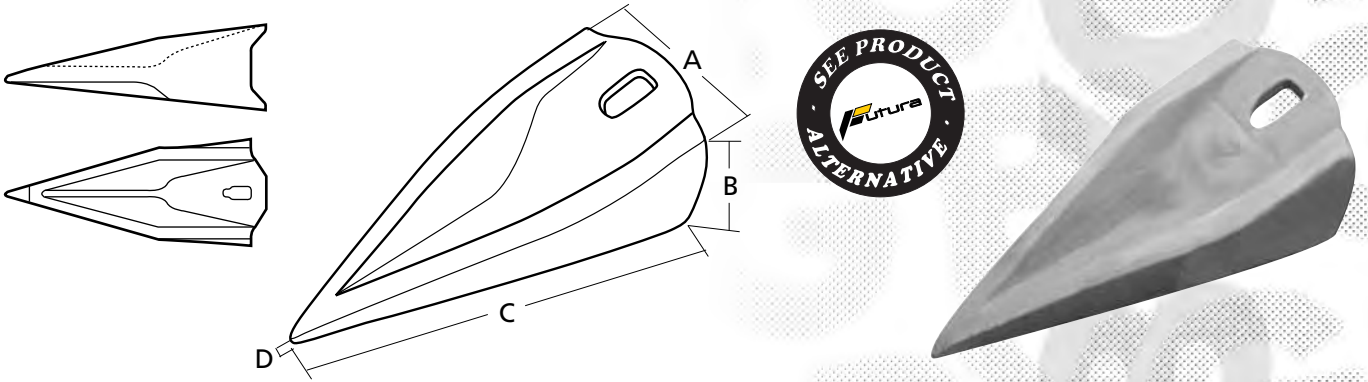
mm.				KG	Image	Futura			Image	Image	Image	Image	Image
A	B	C	D			Image	Image	Image					
65 2,56"	61 2,40"	167 6,57"	64 2,52"	2,28 5,03	25-S	FE25 S	25-30-PN 25-30-PNR	25-30-LK 25-30-LKR	3806-25	855-25	3829-25	25	
76 2,99"	61 2,40"	166 6,54"	80 3,15"	2,68 5,91	30-S	FE30 S	25-30-PN 25-30-PNR	25-30-LK 25-30-LKR	3808-30 3807-30	855-30	3829-30	30	
89 3,50"	73 2,87"	194 7,64"	94 3,70"	4,50 9,92	35-S	FE35 S	35-PN 35-PNR	35-40-LK 35-40-LKR	3808-35	3803-35	3829-35	35	
102 4,02"	79 3,11"	222 8,74"	108 4,25"	6,40 14,11	40-S	FE 40 S	40-PN 40-PNR	35-40-LK 35-40-LKR	3809-40	3803-40	3829-40	40	
114 4,49"	89 3,50"	251 9,88"	121 4,76"	7,90 17,42	45-S		45-PN 45-PNR	45-LK 45-LKR	3810-45	-	-	45	
124 4,88"	97 3,82"	256 10,08"	133 5,24"	10,20 22,49	50-S		50-PN 50-PNR	50-LK 50-LKR	3811-50	-	-	50	

Esco Conical Teeth: STD



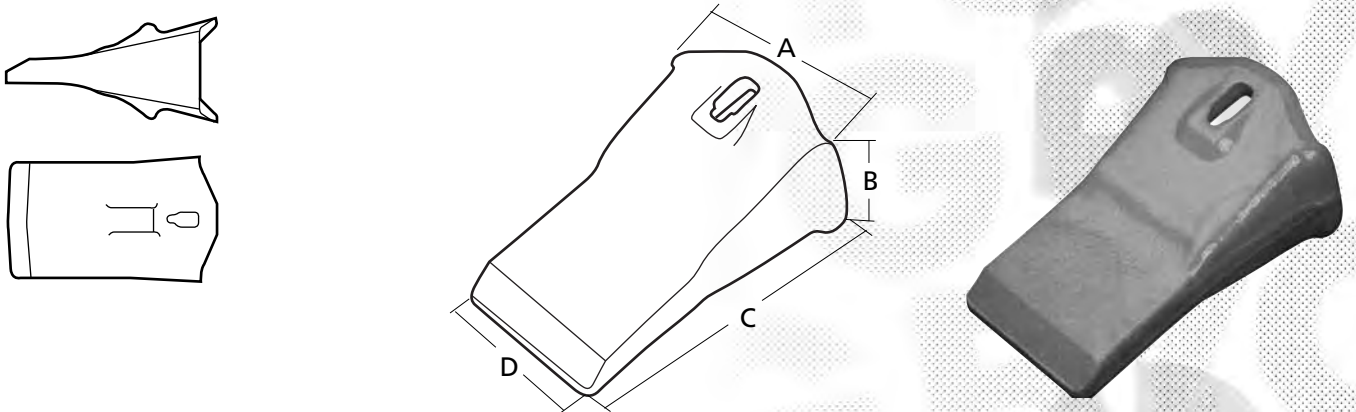
mm.				KG	Image	Futura			Image	Image	Image	Image
A	B	C	D			Image	Image	Image				
65 2,56"	61 2,40"	150 5,91"	64 2,52"	2,10 4,63	25-STD	25-30-PN 25-30-PNR	25-30-LK 25-30-LKR	3806-25	855-25	3829-25	25	
76 2,99"	61 2,40"	139 5,47"	79 3,11"	2,47 5,45	30-STD	25-30-PN 25-30-PNR	25-30-LK 25-30-LKR	3808-30 3807-30	855-30	3829-30	30	
89 3,50"	73 2,87"	157 6,18"	94 3,70"	3,20 7,05	35-STD	35-PN 35-PNR	35-40-LK 35-40-LKR	3808-35	3803-35	3829-35	35	
102 4,02"	79 3,11"	176 6,93"	108 4,25"	5,40 11,90	40-STD	40-PN 40-PNR	35-40-LK 35-40-LKR	3809-40	3803-40	3829-40	40	
-	-	-	-	-	70-STD	-	-	-	-	-	70	

Esco Conical Teeth: VIP



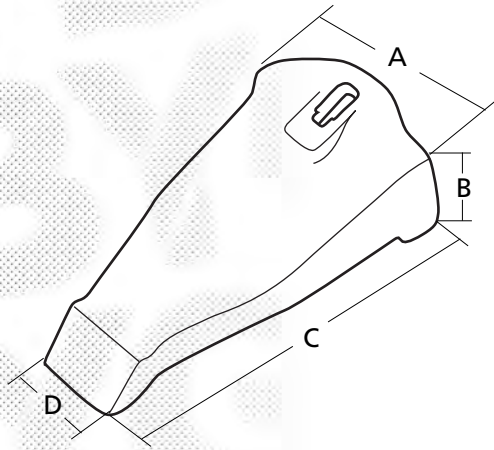
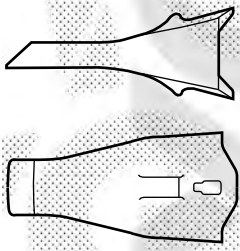
mm.				KG	Futura	Alternatives							Weight
A	B	C	D			1	2	3	4	5	6	7	
46 1,81"	38 1,50"	156 6,14"	5 0,20"	1,30 2,87	18-VIP	FE18 P	18-PN 18-PNR	18-LK 18-LKR	18-800	-	833-18	3829-18	18
65 2,56"	61 2,40"	208 8,19"	5 0,20"	2,53 5,58	25-VIP		25-30-PN 25-30-PNR	25-30-LK 25-30-LKR	-	3806-25	855-25	3829-25	25
76 2,99"	61 2,40"	203 7,99"	5 0,20"	3,10 6,83	30-VIP		25-30-PN 25-30-PNR	25-30-LK 25-30-LKR	-	3808-30 3807-30	855-30	3829-30	30
89 3,50"	73 2,87"	211 8,31"	5 0,20"	3,70 8,16	35-VIP		35-PN 35-PNR	35-40-LK 35-40-LKR	-	3808-35	3803-35	3829-35	35
102 4,02"	79 3,11"	300 11,81"	6 0,24"	5,80 12,79	40-VIP		40-PN 40-PNR	35-40-LK 35-40-LKR	-	3809-40	3803-40	3829-40	40
139 5,47"	103 4,06"	300 11,81"	6 0,24"	7,90 17,42	45-VIP		45-PN 45-PNR	45-LK 45-LKR	-	3810-45	-	-	45
124 4,88"	97 3,82"	361 14,21"	6 0,24"	- -	50-VIPL		50-PN 50-PNR	50-LK 50-LKR	-	3811-50	-	-	50
137 5,39"	108 4,25"	395 15,55"	6 0,24"	- -	55-VIPL		55-PN 55-PNR	55-LK 55-LKR	-	3832-55	-	-	55

Esco Conical Teeth: R



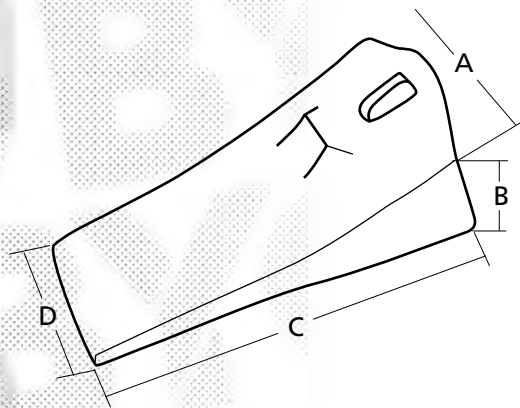
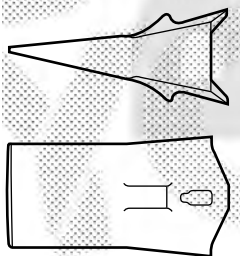
mm.				KG	Futura	Alternatives							Weight
A	B	C	D			1	2	3	4	5	6	7	
82 3,23"	62 2,44"	165 6,50"	66 2,60"	3,00 6,61	25-R		25-30-PN 25-30-PNR	25-30-LK 25-30-LKR	3806-25	855-25	3829-25	25	
94 3,70"	75 2,95"	150 5,91"	80 3,15"	2,90 6,39	30-R		25-30-PN 25-30-PNR	25-30-LK 25-30-LKR	3808-30 3807-30	855-30	3829-30	30	
106 4,17"	94 3,70"	166 6,54"	94 3,70"	3,90 8,60	35-R		35-PN 35-PNR	35-40-LK 35-40-LKR	3808-35	3803-35	3829-35	35	
130 5,12"	102 4,02"	197 7,76"	108 4,25"	5,60 12,35	40-R		40-PN 40-PNR	40-LK 40-LKR	3809-40	3803-40	3829-40	40	
141 5,55"	116 4,57"	219 8,62"	121 4,76"	- -	45-R		45-PN 45-PNR	45-LK 45-LKR	3810-45	-	-	45	
163 6,42"	125 4,92"	221 8,70"	133 5,24"	11,00 24,25	50-R		50-PN 50-PNR	50-LK 50-LKR	3811-50	-	-	50	
137 5,39"	108 4,25"	257 10,12"	152 5,98"	12,90 28,44	55-R		55-PN 55-PNR	55-LK 55-LKR	3832-55	-	-	55	

Esco Conical Teeth: RDX



mm.												
A	B	C	D									
76 2,99"	61 2,40"	215 8,46"	60 2,36"	-	30-RDX	25-30-PN 25-30-PNR	25-30-LK 25-30-LKR	3808-30 3807-30	855-30	3829-30	30	
102 4,02"	79 3,11"	241 9,49"	64 2,52"	6,80 14,99	40-RDX	40-PN 40-PNR	35-40-LK 35-40-LKR	3809-40	3803-40	3829-40	40	
114 4,49"	89 3,50"	270 10,63"	71 2,80"	-	45-RDX	45-PN 45-PNR	45-LK 45-LKR	3810-45	-	-	45	
124 4,88"	97 3,82"	283 11,14"	76 2,99"	-	50-RDX	50-PN 50-PNR	50-LK 50-LKR	3811-50	-	-	50	
137 5,39"	108 4,25"	315 12,40"	86 3,39"	-	55-RDX	55-PN 55-PNR	55-LK 55-LKR	3832-55	-	-	55	

Esco Conical Teeth: T

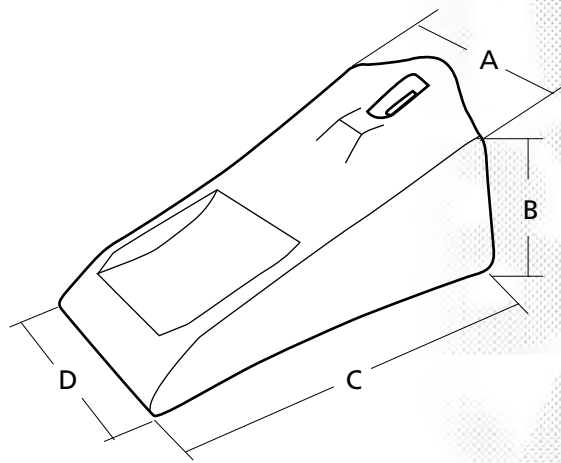
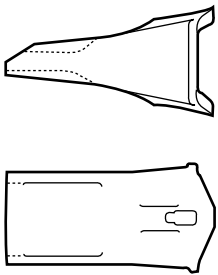


mm.												
A	B	C	D									
65 2,56"	61 2,40"	169 6,65"	64 2,52"	2,20 4,85	25-T	25-30-PN 25-30-PNR	25-30-LK 25-30-LKR	3806-25	855-25	3829-25	25	
76 2,99"	61 2,40"	166 6,54"	80 3,15"	2,80 6,17	30-T	25-30-PN 25-30-PNR	25-30-LK 25-30-LKR	3808-30 3807-30	855-30	3829-30	30	
89 3,50"	73 2,87"	184 7,24"	94 3,70"	4,15 9,15	35-T	35-PN 35-PNR	35-40-LK 35-40-LKR	3808-35	3803-35	3829-35	35	
125 4,92"	98 3,86"	245 9,65"	100 3,94"	5,30 11,68	40-T	40-PN 40-PNR	35-40-LK 35-40-LKR	3809-40	-	-	40	
-	-	-	-	-	45-T	45-PN 45-PNR	45-LK 45-LKR	3810-45	-	-	45	

DRP Esco

Mining

Esco Conical Teeth: HBP

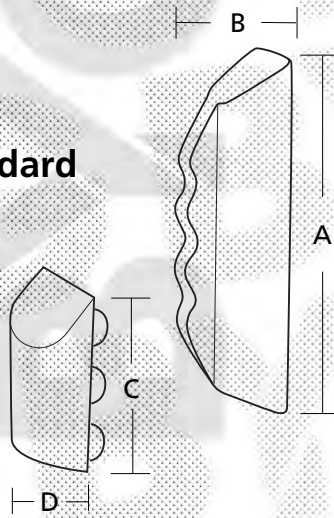


mm.									
A	B	C	D						
219 8,62"	213 8,39"	386 15,20"	184 7,24"	37,70 83,11	77-HBP	77-PN	77-LK	469-77*	77

* Not available

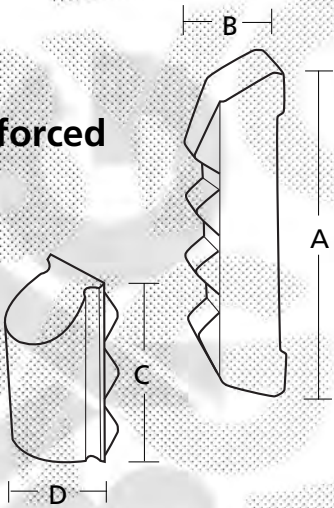
Lock & Rubber

Standard



mm.						
A	B	C	D			
52 2,05"	13 0,51"	35 1,38"	14,3 0,56"	18-PN	18-LK	18
73 2,87"	20 0,79"	38 1,50"	20,5 0,81"	25-30-PN	25-30-LK	25-30
83 3,27"	22,5 0,89"	48 1,89"	22,2 0,87"	35-PN	35-40-LK	35
92 3,62"	30 1,18"			40-PN		40
103 4,06"	34 1,34"	58 2,28"	23,5 0,93"	45-PN	45-LK	45
116 4,57"	37 1,46"	60 2,36"	28 1,10"	50-PN	50-LK	50
125 4,92"	40 1,57"	65 2,56"	30 1,18"	55-PN	55-LK	55
202 7,95"	57 2,24"	111 4,37"	44 1,73"	77-PN	77-LK	77

Reinforced



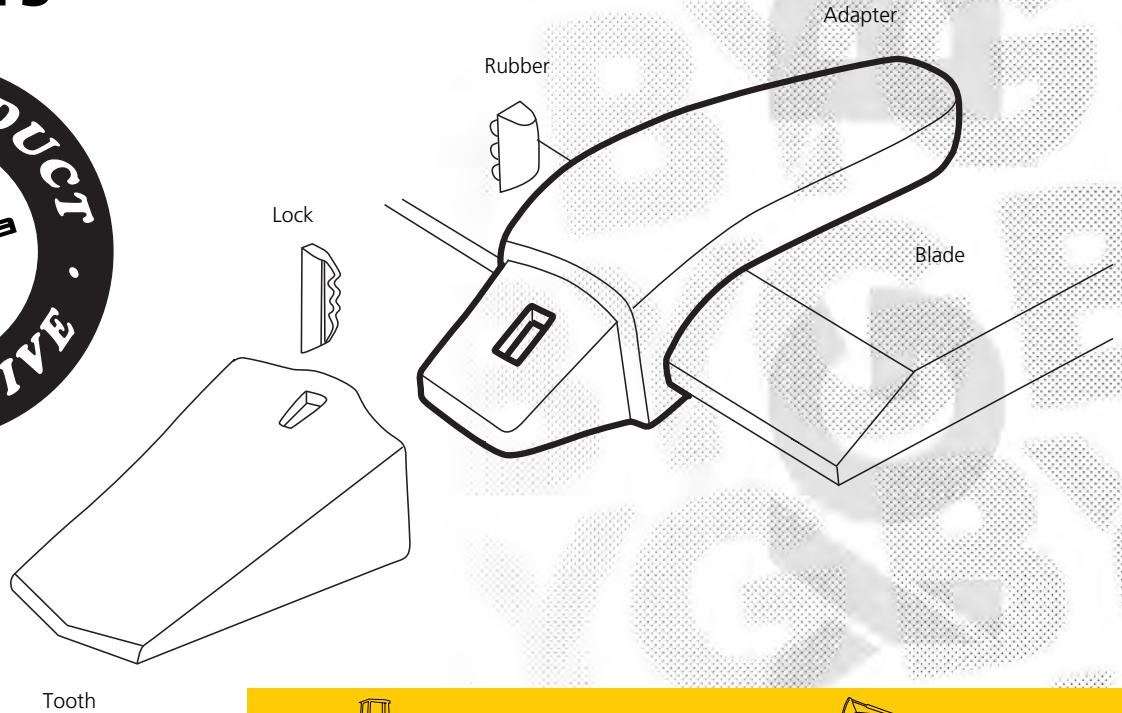
mm.						
A	B	C	D			
52 2,05"	13 0,51"	35 1,38"	14,3 0,56"	18-PNR	18-LKR	18
73 2,87"	20 0,79"	38 1,50"	20,5 0,81"	25-30-PNR	25-30-LKR	25-30
83 3,27"	22,5 0,89"	48 1,89"	22,2 0,87"	35-PNR	35-40-LKR	35
92 3,62"	30 1,18"			40-PNR		40
103 4,06"	34 1,34"	58 2,28"	23,5 0,93"	45-PNR	45-LKR	45
116 4,57"	37 1,46"	60 2,36"	28 1,10"	50-PNR	50-LKR	50
125 4,92"	40 1,57"	65 2,56"	30 1,18"	55-PNR	55-LKR	55
202 7,95"	57 2,24"	111 4,37"	44 1,73"	77-PNR	77-LKR	77

Bold ref. number, product available
 Other ref. number please consult.



DRP Esco

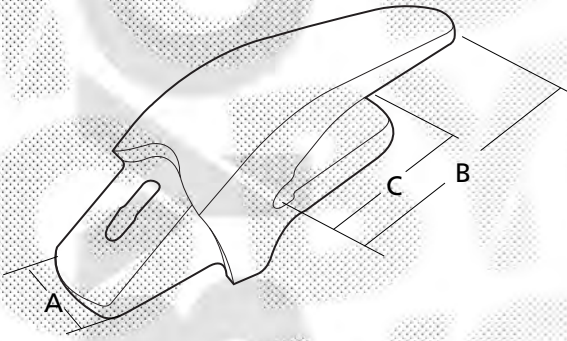
Conical System Adapters



 Power HP							
Wheels	Chain			Power HP	Strenght Sudden		Weight in Tons.
50-190	50-160	25 mm	25	45-100	4-12	10-20	300-1000
170-280	130-250	30 mm	30	80-150	9-16	17-25	500-1400
250-350	230-300	35 mm	35	140-200	13-20	20-30	600-1600
320-500	275-400	40 mm	40	170-300	18-26	30-35	700-2000
400		45 mm	45-50	50-400	24-40	45-70	1000-3500

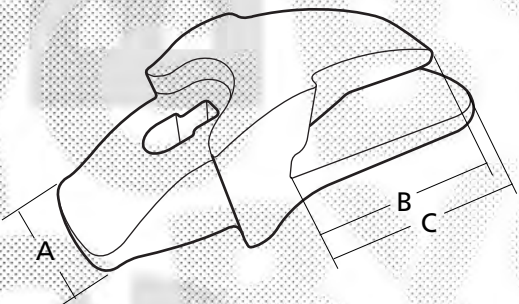
Two Strap	Two Strap	Botton Strap	Flush Mount	Side Corner Adapter	Weld-On Nose	
-	-	FE15 R	-	-	-	15
-	18-800	833-18 FE18 R	3829-18	-	WN-18	18
3806-25	-	855-25 FE25 R	<i>3840-25</i>	-	WN-25	25
3807-30 3808-30	-	855-30	<i>3829-30</i>	<i>R-30 L/R</i>	WN-30	30
3808-35	-	3803-35	<i>3840-35</i>	<i>R-35 L/R</i>	WN-35	35
3809-40	-	3803-40	3829-40	<i>R-40 L/R</i>	WN-40	40
3810-45	-	-	-	-	WN-45	45
3811-50	-	-	-	-	WN-50	50
<i>3832-55</i>	-	-	-	-	-	55

Esco Two Strap Adapter



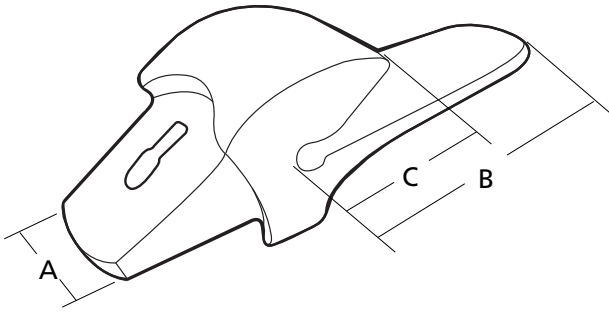
mm.															
A	B	C													
51 2,01"	195 7,68"	125 4,92"	25 0,98"	6,10 13,45	3806-25	25-30-PN 25-30-PNR	25-30-LK 25-30-LKR	25-R	25-S	-	25-VIP	25-T	25-STD	25	
			30 1,18"	7,90 17,42		25-30-PN 25-30-PNR	25-30-LK 25-30-LKR	30-R	30-S	30-RDX	30-VIP	30-T	30-STD	30	
62 2,44"	228 8,98"	151 5,94"	35 1,38"	11,20 24,69	3807-30	35-PN 35-PNR	35-40-LK 35-40-LKR	35-R	35-S	-	35-VIP	35-T	35-STD	35	
			40 1,57"	14,75 32,52		3808-30	40-PN 40-PNR	40-LK 40-LKR	40-R	40-S	40-RDX	40-VIP	40-T	40-STD	40
75 2,95"	215 8,46"	68 2,68"	35 1,38"	11,20 24,69	3808-35	50-PN 50-PNR	50-LK 50-LKR	45-R	45-S	45-RDX	45-VIP	45-T	45-STD	45	
			45 1,77"	50,71		3809-40	45-PN 45-PNR	45-LK 45-LKR	50-R	50-S	50-RDX	50-VIP	50-T	50-STD	50
85 3,35"	278 10,94"	181 7,13"	40 1,57"	14,75 32,52	3810-45	55-PN 55-PNR	55-LK 55-LKR	55-R	-	55-RDX	55-VIP	-	-	55	
			60 2,36"	28,40 62,61		3811-50	55-PN 55-PNR	55-LK 55-LKR	55-R	-	55-RDX	55-VIP	-	-	55
101 3,98"	342 13,46"	220 8,66"	60 2,36"	28,40 62,61	3832-55										
110 4,33"	372 14,65"	240 9,45"	60 2,36"	40,70 89,73											

Esco Two Strap Adapter



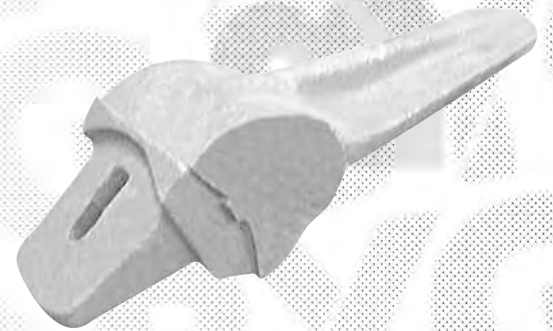
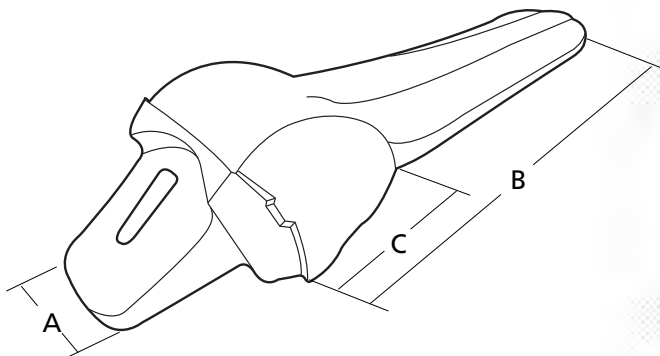
mm.														
A	B	C												
42 1,65"	70 2,76"	105 4,13"	20 0,79"	2,00 4,41	18-800	18-PN 18-PNR	18-LK 18-LKR	-	-	-	18-TL	18-VIP	-	18

Esco Bottom Strap Adapter



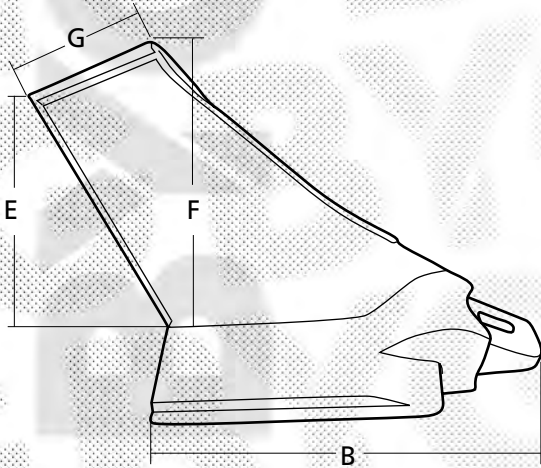
mm.					KG	Futura	Product Alternatives												mm																		
A	B	C	Height	Weight			FE15 R	FE18 R	FE25 R	855-30	3803-35	3803-40	18-PN	18-LK	25-30-PN	25-30-LK	25-R	25-S		30-R	30-S	30-RDX	30-T	35-PN	35-LK	35-R	35-S	35-T	35-VIP	35-STD	40-PN	40-LK	40-R	40-S	40-RDX	40-T	40-VIP
-	-	-	-	-	-	-	FE15 R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
42	97	26	20	1,60	833-18	FE18 R	FE18 R	18-PN	18-LK	-	-	-	-	-	-	-	-	-	-	18-TL	18-VIP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
51	132	46	25	3,13	855-25	FE25 R	FE25 R	25-30-PN	25-30-LK	25-R	25-S	-	-	-	-	-	-	-	-	25-T	25-VIP	25-STD	-	-	-	-	-	-	-	-	-	-	-	-	-	25	
62	134	46	30	3,87	855-30	-	-	25-30-PN	25-30-LK	30-R	30-S	30-RDX	30-T	30-VIP	30-STD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30		
75	215	68	35	7,94	3803-35	-	-	35-PN	35-LK	35-R	35-S	-	35-T	35-VIP	35-STD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35		
85	273	93	40	11,00	3803-40	-	-	40-PN	40-LK	40-R	40-S	40-RDX	40-T	40-VIP	40-STD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40		

Esco Flush Mount Adapter



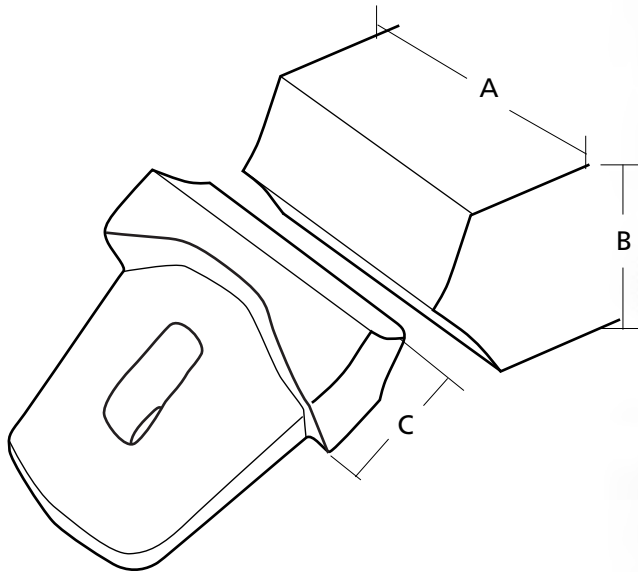
mm.					KG	Futura	Product Alternatives												mm																
A	B	C	Height	Weight			18-PN	18-LK	25-30-PN	25-30-LK	25-R	25-S	30-R	30-S	30-RDX	30-VIP	30-T	35-PN		35-LK	35-R	35-S	35-T	35-VIP	35-STD	40-PN	40-LK	40-R	40-S	40-RDX	40-T	40-VIP	40-STD		
43	156	26	20	2,60	3829-18	18-PN	18-LK	-	-	-	-	-	-	-	-	18-VIP	18-TL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
51	230	50	25	5,2	3840-25	25-30-PN	25-30-LK	25-R	25-S	-	-	-	-	-	-	25-VIP	25-T	25-STD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25
62	240	60	30	6,8	3829-30	-	-	30-R	30-S	30-RDX	30-VIP	30-T	30-STD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	
75	250	74	35	-	3840-35	35-PN	35-LK	35-R	35-S	-	-	-	35-T	35-VIP	35-STD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	
85	260	88	40	13,00	3829-40	40-PN	40-LK	40-R	40-S	40-RDX	40-T	40-VIP	40-STD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	

Side Corner Adapter



mm.																
B	E	F	G													
300	292	332	135	30 1,18"	-	<i>R-30 L/R</i>	25-30-PN 25-30-PNR			30-R	30-S	30-RDX	30-VIP	30-T	30-STD	30
11,81"	11,50"	13,07"	5,31"	35 1,38"	-	<i>R-35 L/R</i>				35-R	35-S	-	35-VIP	35-T	35-STD	35
350	330	379	166	40 1,57"	-	<i>R-40 L/R</i>	40-PN 40-PNR	35-40-LK 35-40-LKR		40-R	40-S	40-RDX	40-VIP	40-T	40-STD	40
13,78"	12,99"	14,92"	6,54"													



Esco Conical Weld-On Nose



Weld-On Nose

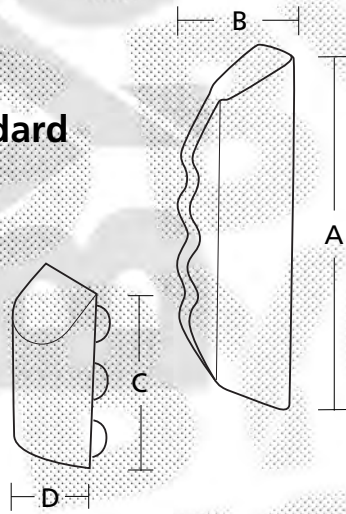
In order to prepare an adapter in case of an emergency or to reduce the size of the tooth without the need of changing the adapter we will use the nose. The determination of the nose depends on the power of the machine and, of course, on the working conditions.

- Prepare the base so that it will allow the connection of the new nose without losing the alignment with the other teeth. The base must have a similar size and shape as the nose that is to be welded on its surface. We will therefore create a bevel on the adapter following a symmetrical profile on the nose.
- Preheat between 150° and 200°, then weld strings on the bevels of the adapters.
- Weld a string on the "bristles" of the nose with a basic electrode
- Place the nose in front of the adapter and leave a space of approx. 3mm.
- Weld the strings parallel to the "bristles" and every two or three welding passes turn the piece until it has been "filled". Once the welding process has been completed smooth down/grindstone the contours.

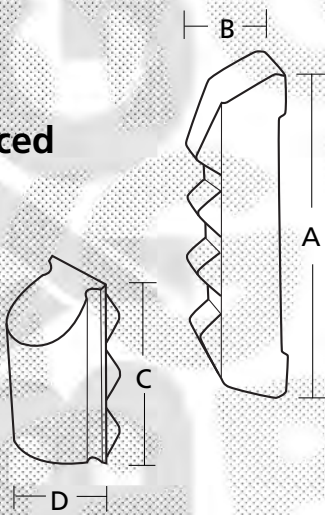
mm.			KG		
A	B	C			
55 2,17"	40 1,57"	25 0,98"	1,20 2,65	WN-18	18
73 2,87"	78 3,07"	42 1,65"	2,30 5,07	WN-25	25
86 3,39"	78 3,07"	45 1,77"	2,70 5,95	WN-30	30
102 4,02"	92 3,62"	55 2,17"	4,20 9,26	WN-35	35
114 4,49"	102 4,02"	60 2,36"	6,00 13,23	WN-40	40
127 5,00"	115 4,53"	70 2,76"	9,50 20,94	WN-45	45
140 5,51"	126 4,96"	70 2,76"	10,10 22,27	WN-50	50




Lock & Rubber




Standard



Reinforced



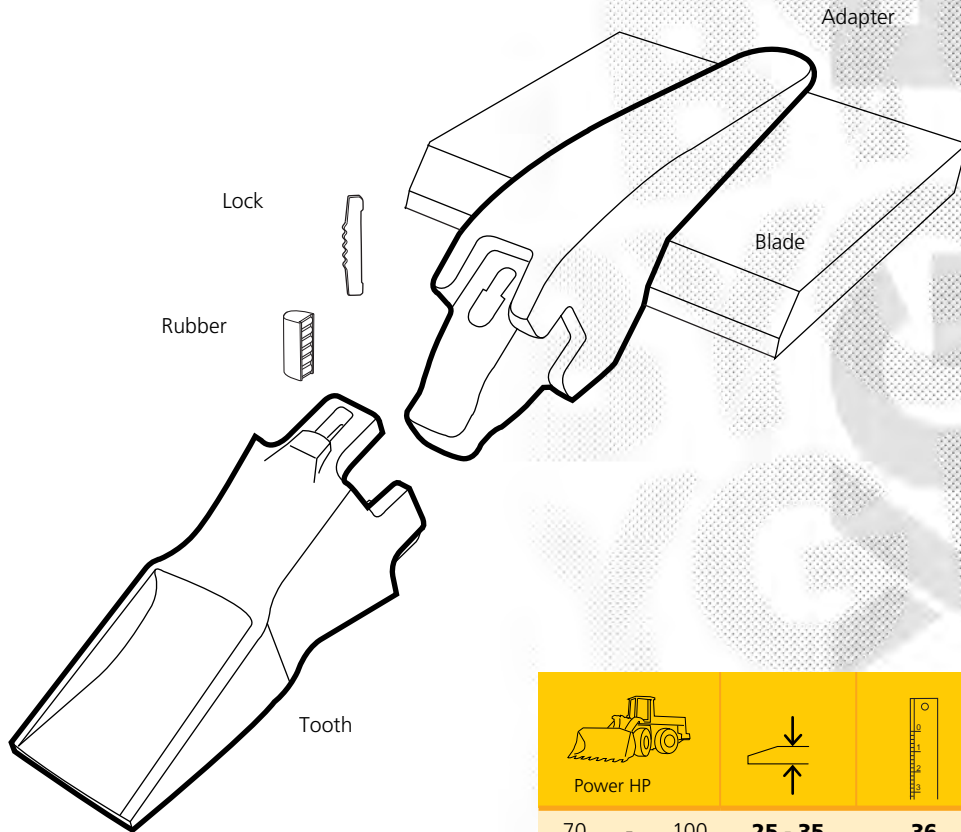
mm.						
A	B	C	D			
52 2,05"	13 0,51"	35 1,38"	14,3 0,56"	18-PN	18-LK	18
73 2,87"	20 0,79"	38 1,50"	20,5 0,81"	25-30-PN	25-30-LK	25-30
83 3,27"	22,5 0,89"	48 1,89"	22,2 0,87"	35-PN	35-40-LK	35
92 3,62"	30 1,18"			40-PN		40
103 4,06"	34 1,34"	58 2,28"	23,5 0,93"	45-PN	45-LK	45
116 4,57"	37 1,46"	60 2,36"	28 1,10"	50-PN	50-LK	50
125 4,92"	40 1,57"	65 2,56"	30 1,18"	55-PN	55-LK	55
202 7,95"	57 2,24"	111 4,37"	44 1,73"	77-PN	77-LK	77





mm.						
A	B	C	D			
52 2,05"	13 0,51"	35 1,38"	14,3 0,56"	18-PNR	18-LKR	18
73 2,87"	20 0,79"	38 1,50"	20,5 0,81"	25-30-PNR	25-30-LKR	25-30
83 3,27"	22,5 0,89"	48 1,89"	22,2 0,87"	35-PNR	35-40-LKR	35
92 3,62"	30 1,18"			40-PNR		40
103 4,06"	34 1,34"	58 2,28"	23,5 0,93"	45-PNR	45-LKR	45
116 4,57"	37 1,46"	60 2,36"	28 1,10"	50-PNR	50-LKR	50
125 4,92"	40 1,57"	65 2,56"	30 1,18"	55-PNR	55-LKR	55
202 7,95"	57 2,24"	111 4,37"	44 1,73"	77-PNR	77-LKR	77

DRP Esco









Bold ref. number, product available
Other ref. number please consult.

Superconical System Teeth



 Power HP			 Power HP
70 - 100	25 - 35	36	60 - 150
101 - 250	45	46	120 - 200
200 - 350	60	56	150 - 300
300 - 500	60 - 90	66	300 - 500
395 - 600	70 - 90	76	420 - 620
600 - 900	100 - 125	86	595 - 900

3

FP	LP	R	RDX	VIP	SD	FP, PS	
							
36-FP	-	-	-	36-VIP	-	-	36
46-FP	-	-	-	46-VIP	-	-	46
56-FP	-	-	56-RDX	56-VIP	-	-	56
66-FP	66-LP	66-R	66-RDX	66-VIP	-	-	66
76-FP	76-LP	76-R	76-RDX	76-VIP	-	-	76
86-FP	86-LP	-	86-RDX	86-VIP	86-SD	86-FP PS	86


Teeth

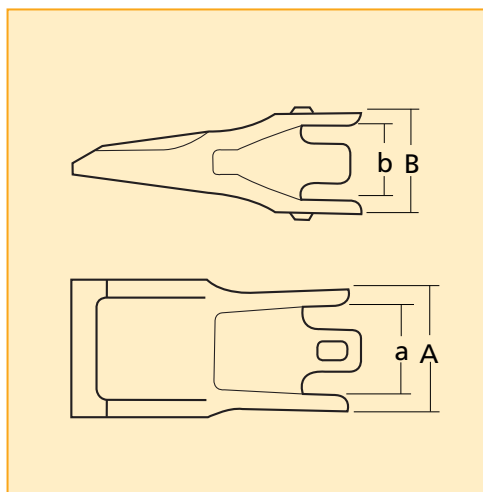
What you need to Know

How to Identify a Superconical Tooth

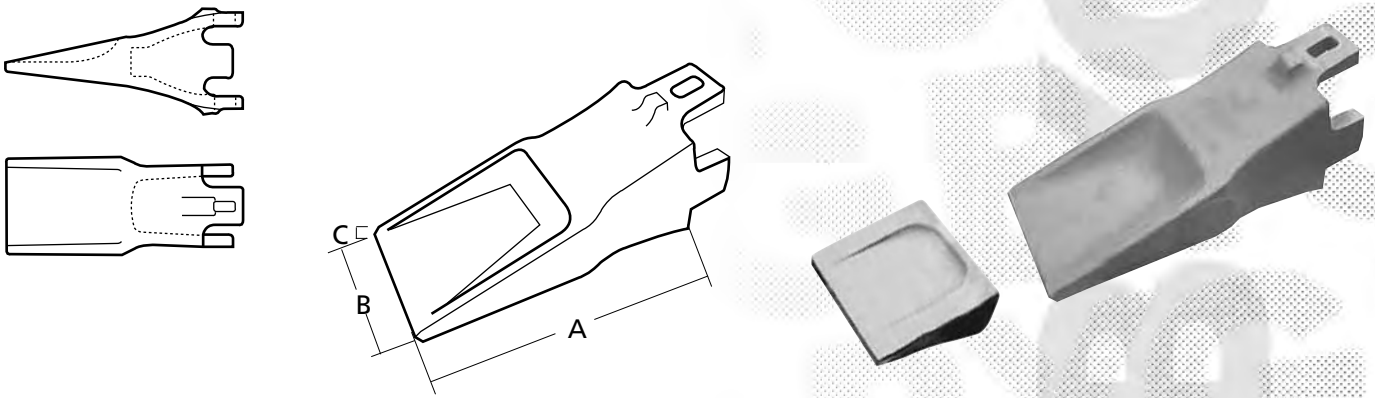
In order to determine the size of a Superconical tooth whose reference has disappeared due to wear or any other reason we will take the internal dimensions A and B as reference. However, these measurements may have been affected by the wear. Therefore we will take as reference the internal dimensions a and b or the reference number or dimensions of the corresponding rubbers and pins.

The table below will help to determine the size of any superconical tooth.

mm.				
A	a	B	b	
77 3,03"	59 2,32"	78 3,07"	58 2,28"	36
103 4,06"	71 2,80"	112 4,41"	82 3,23"	46
121 4,76"	89 3,50"	145 5,71"	107 4,21"	56
142 5,59"	106 4,17"	161 6,34"	118 4,65"	66
164 6,46"	123 4,84"	176 6,93"	135 5,31"	76
213 8,39"	145 5,71"	231 9,09"	168 6,61"	86

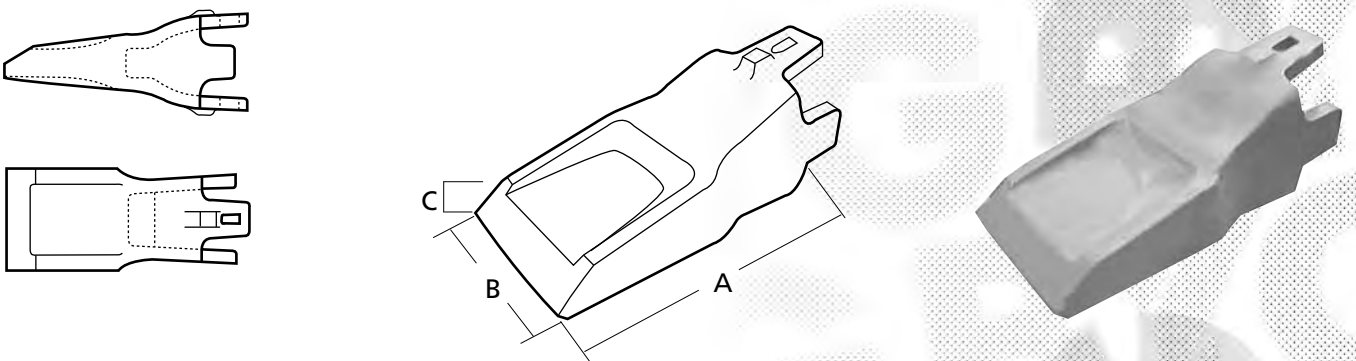


Superconical Teeth: FP



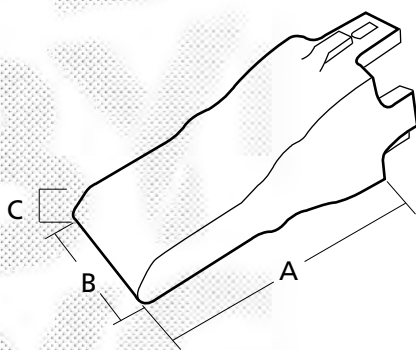
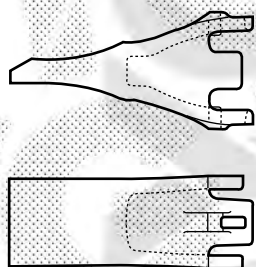
mm.			KG							
A	B	C								
-	-	-	-	36-FP	-	3854-36	-	36-LK	36-PN	36
-	-	-	-	46-FP	-	3816-46	-	46-LK	46-PN	46
355	140	15	15,00	56-FP	-	3811-56	-	56-LK	56-PN	56
13,98"	5,51"	0,59"	33,07	66-FP	-	3858-66	-	66-LK	66-PN	66
413	168	14	24,28	76-FP	-	2878-76	-	76-LK	76-PN	76
16,26"	6,61"	0,55"	53,53	86-FP	86-FP PS	3837-86	3863-86	86-LK	86-PN	86
444	187	17	32,10							
17,48"	7,36"	0,67"	70,77							
550	206	62	61,20							
21,65"	8,11"	2,44"	134,92							

Superconical Teeth: LP



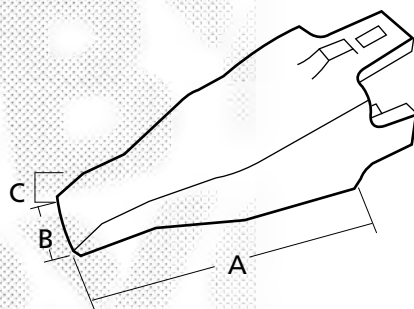
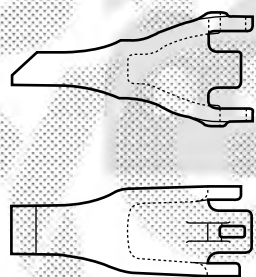
mm.			KG							
A	B	C								
400	168	46	26,80	66-LP	3858-66		66-LK	66-PN	66	
15,75"	6,61"	1,81"	59,08	76-LP	2878-76		76-LK	76-PN	76	
430	187	54	36,46	86-LP	3837-86	3863-86	86-LK	86-PN	86	
16,93"	7,36"	2,13"	80,38							
550	206	62	67,00							
21,65"	8,11"	2,44"	147,71							

Superconical Teeth: R



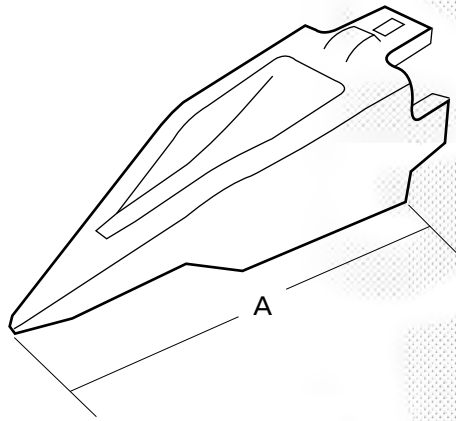
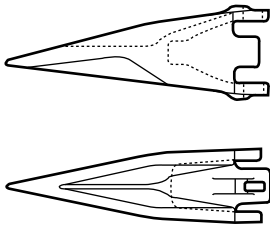
mm.		C	KG	Icon 1	Icon 2	Icon 3	Icon 4	Icon 5	Icon 6
A	B								
368 14,49"	146 5,75"	46 1,81"	23,40 51,59	66-R	3858-66	66-LK	66-PN	66	
395 15,55"	173 6,81"	65 2,56"	25,50 56,22	76-R	2878-76	76-LK	76-PN	76	














Superconical Teeth: RDX



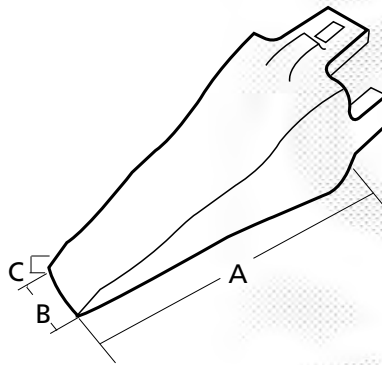
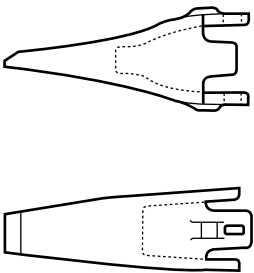
mm.		C	KG	Icon 1	Icon 2	Icon 3	Icon 4	Icon 5	Icon 6
A	B								
-	-	-	-	56-RDX	3811-56	-	56-LK	56-PN	56
368 14,49"	75 2,95"	54 2,13"	18,85 41,56	66-RDX	3858-66	-	66-LK	66-PN	66
395 15,55"	82 3,23"	60 2,36"	27,70 61,07	76-RDX	2878-76	-	76-LK	76-PN	76
-	-	-	-	86-RDX	3837-86	3863-86	86-LK	86-PN	86








Superconical Teeth: VIP



mm.								
A								
-	-	36-VIP	3854-36	-	36-LK	36-PN		36
-	-	46-VIP	3816-46	-	46-LK	46-PN		46
-	-	56-VIP	3811-56	-	56-LK	56-PN		56
-	-	66-VIP	3858-66	-	66-LK	66-PN		66
-	-	76-VIP	2878-76	-	76-LK	76-PN		76
635 25,00"	71,20 156,97	86-VIP	3837-86	3863-86	86-LK	86-PN		86

Superconical Teeth: SD

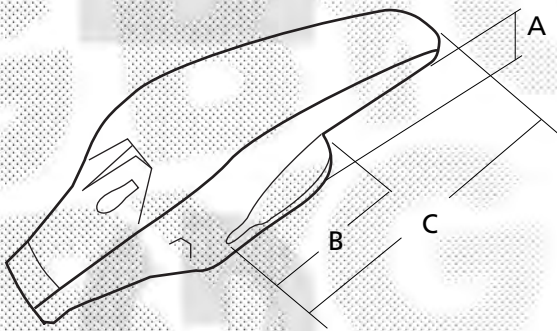


mm.									
A	B	C							
200 7,87"	100 3,94"	30 1,18"	57,00 125,66	86-SD	3837-86	3863-86	86-LK	86-PN	86

DRP
Esco

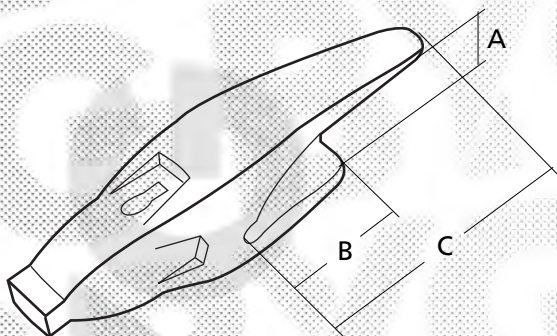
Superconical System Adapters

Superconical Adapter



mm.								
A	B	C						
27	46	156	25	9,50	3854-36	36-LK	36-PN	36
1,06"	1,81"	6,14"	0,98"	20,94				
47	142	295	45	16,5	3816-46	46-LK	46-PN	46
1,85"	5,59"	11,61"	1,77"	36,38				
62	200	385	60	35	3811-56	56-LK	56-PN	56
2,44"	7,87"	15,16"	2,36"	77,16				
77	173	343	75	47	3858-66	66-LK	66-PN	66
3,03"	6,81"	13,50"	2,95"	103,62				
92	226	405	90	72,00	2878-76	76-LK	76-PN	76
3,62"	8,90"	15,94"	3,54"	158,73				
123	330	554	120	130	3837-86	86-LK	86-PN	86
4,84"	12,99"	21,81"	4,72"	286,60				

Superconical Adapter

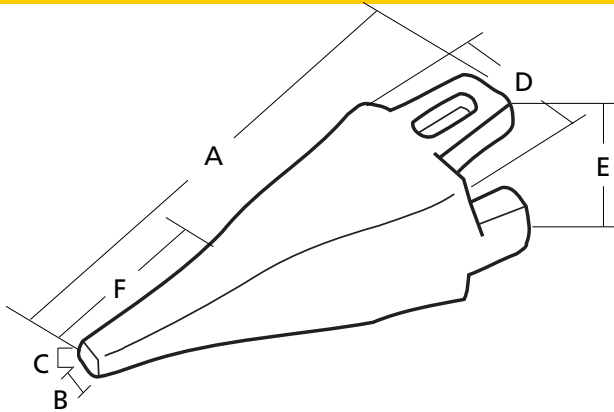


mm.								
A	B	C						
123	330	554	120	129,00	3863-86	86-LK	86-PN	86
4,84"	12,99"	21,81"	4,72"	284,39				

DRP Esco

Dragline

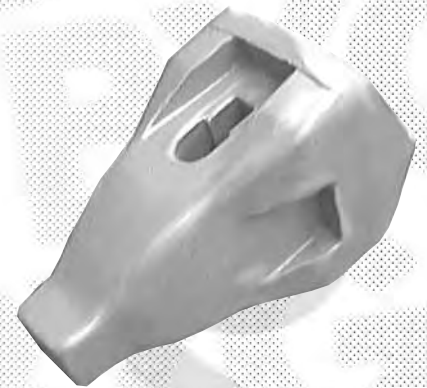
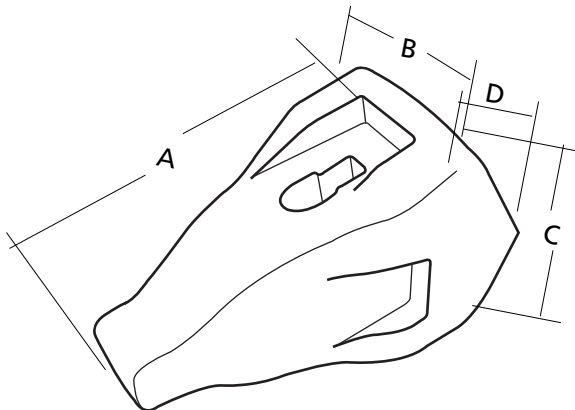
Esco Dragline Pick Teeth



mm.						KG				
A	B	C	D	E	F					
355 13,98"	10 0,39"	10 0,39"	115 4,53"	145 5,71"	185 7,28"	8,30 18,30	44-D14	44-DLK	44-DPN	WN-44D
405 15,94"	15 0,59"	15 0,59"	135 5,31"	175 6,89"	180 7,09"	16,80 37,04	54-D16	54-DLK	54-DPN	WN-54D

3

Esco Weld-On Nose



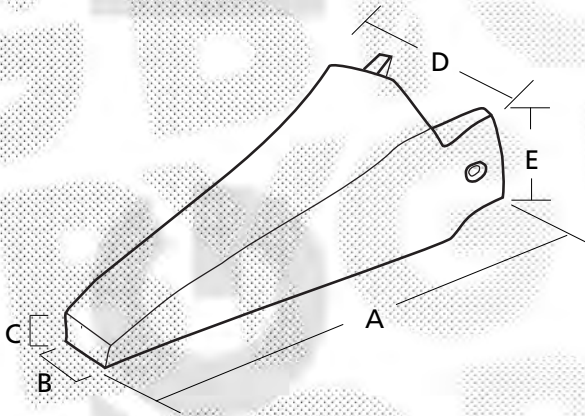
mm.				KG				
A	B	C	D					
171,5 6,75"	115 4,53"	145 5,71"	50 1,97"	11,30 24,91	WN-44 D	44-DLK	44-DPN	44-D14
213,5 8,41"	145 5,71"	180 7,09"	55 2,17"	23,80 52,47	WN-54 D	54-DLK	54-DPN	54-D16

DRP

Esco

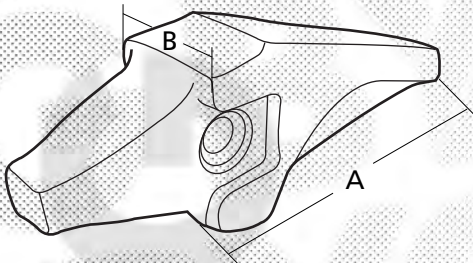
Drilling Teeth and Adapters

Esco Drilling Teeth






mm.									
A	B	C	D	E					
263 10,35"	52 2,05"	10 0,39"	90 3,54"	21 0,83"	4,50 9,92	25-RC10	25-RC-PN	25-RC-LKSR	3861-25RC
313 12,32"	50 1,97"	10 0,39"	90 3,54"	21 0,83"	5,80 12,79				

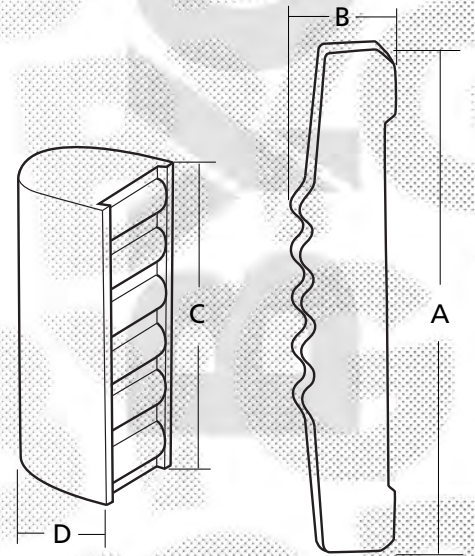
Esco Drilling Adapter






mm.						
A	B					
280 11,02"	89 3,50"	14,40 31,75	3861-25RC	25-RC-PN	25-RC-LKSR	25-RC10
						25-RC12

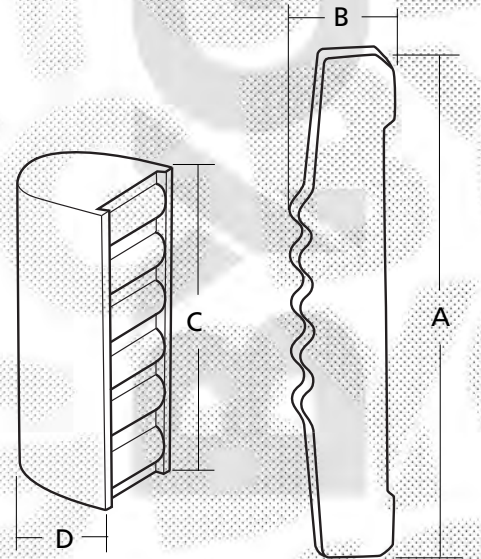
Superconical Lock & Rubber

mm.						
A	B	C	D			
90 3,54"	20 0,79"	54 2,13"	16 0,63"	36-LK	36-PN	36
117 4,61"	23 0,91"	76 2,99"	24 0,94"	46-LK	46-PN	46
152 5,98"	30 1,18"	95 3,74"	30 1,18"	56-LK	56-PN	56
165 6,50"	30 1,18"	112,5 4,43"	30 1,18"	66-LK	66-PN	66
182 7,17"	32 1,26"	124 4,88"	23 0,91"	76-LK	76-PN	76
234 9,21"	40,6 1,60"	161 6,34"	31,5 1,24"	86-LK	86-PN	86

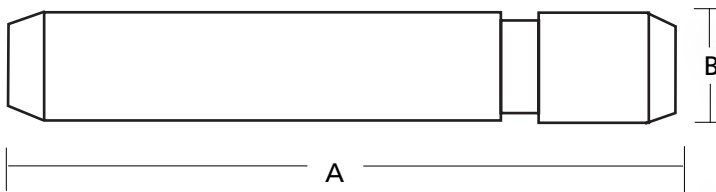




Dragline Lock & Rubber

mm.						
A	B	C	D			
83 3,27"	23 0,91"	48 1,89"	23 0,91"	44-DLK	44-DPN	44
182 7,17"	32 1,26"	124 4,88"	23 0,91"	54-DLK	54-DPN	54

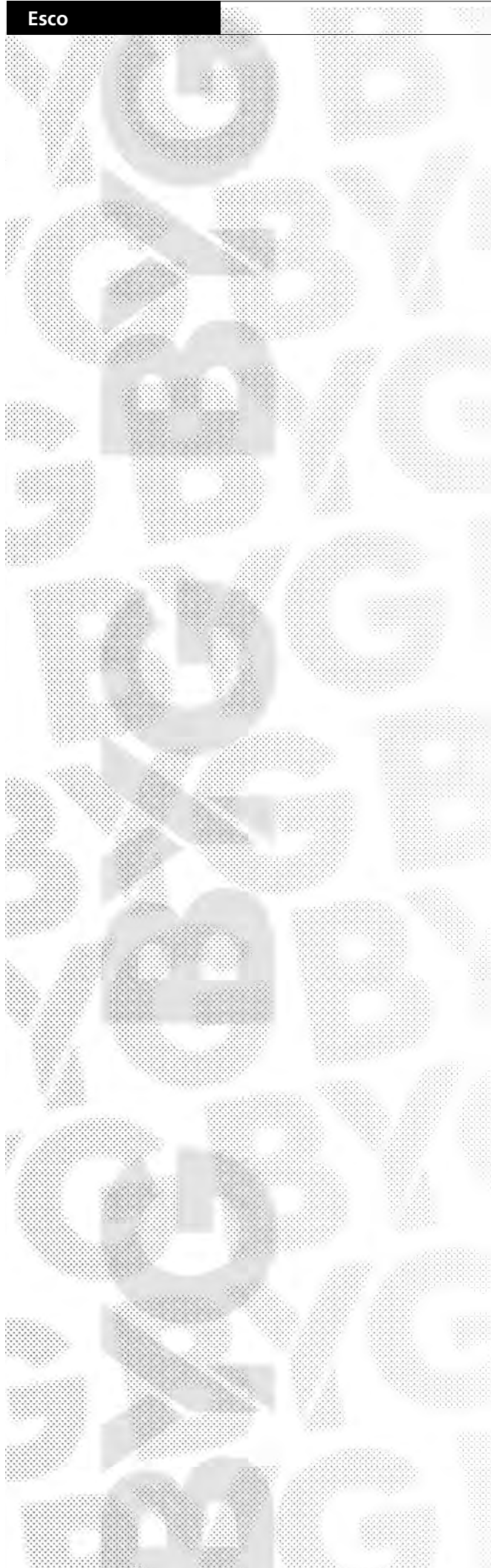


Pin & Washers



mm.				
A	B	C		
95 3,74"	19 0,75"	38 1,50"	25RC-PN	25RC-LKSR



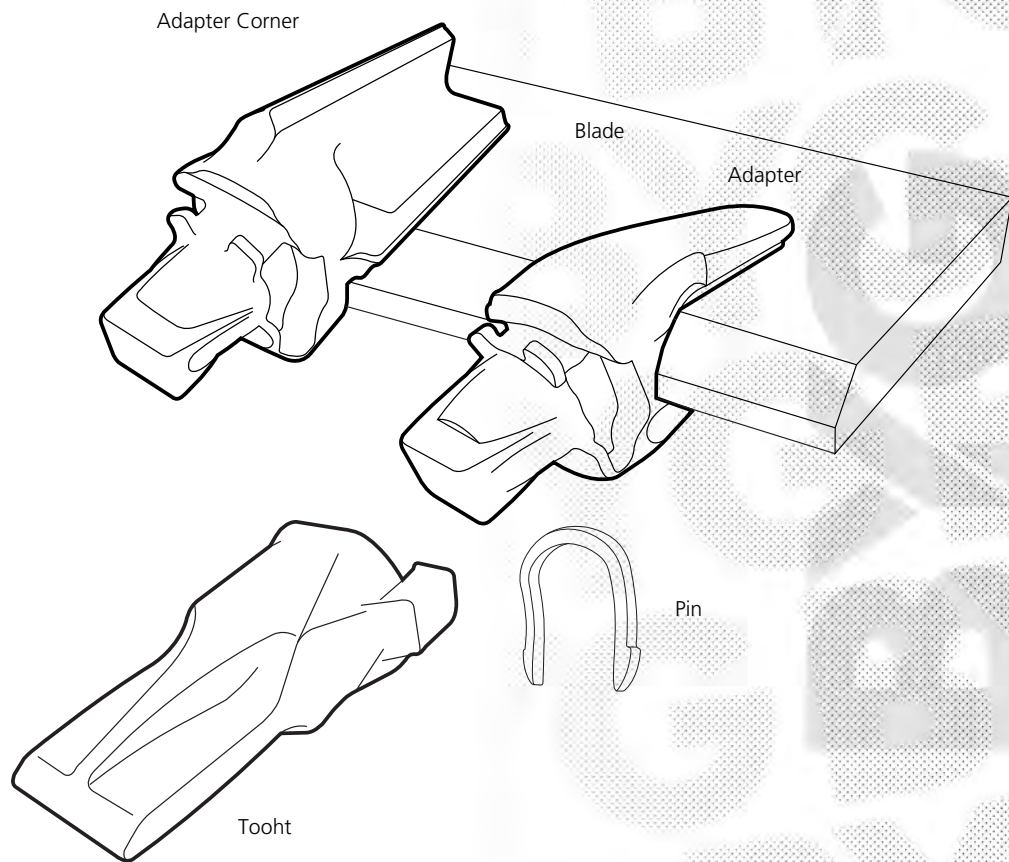










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Other ref. number please consult.

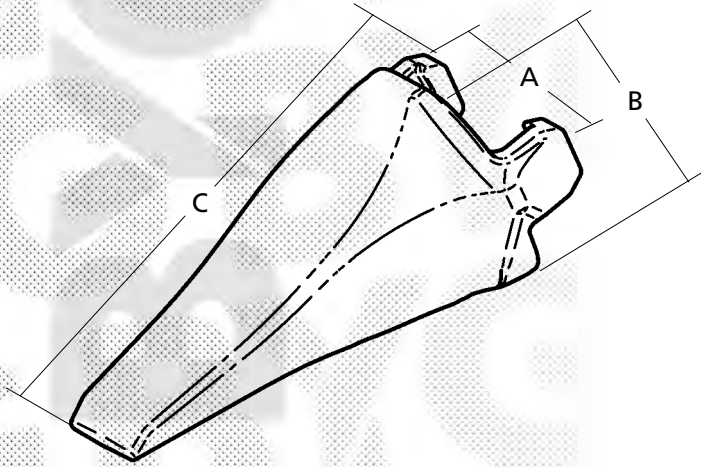
DRP
Esco

Helilok System Teeth & Vertalok



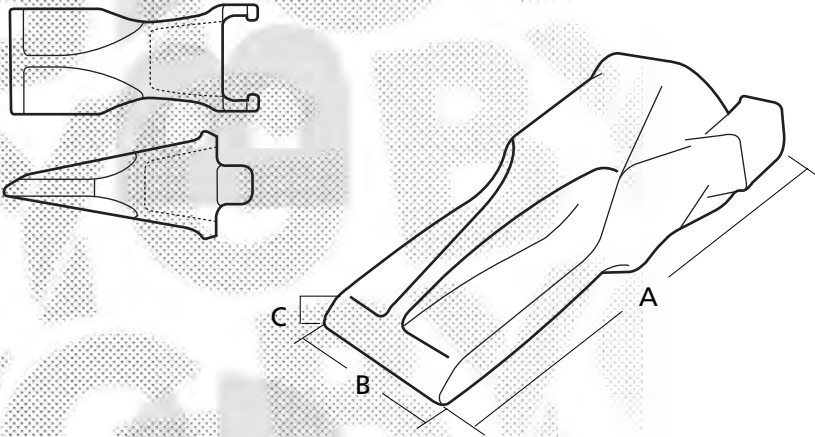
SD	SYL	ARLB	VIP	Adapter	Adapter Corner Right	Adapter Corner Left	
							
-	21-SYL	-	21-VIP	-	-	-	21
-	27-SYL	-	27-VIP	-	-	-	27
37-SD	37-SYL	-	37-VIP	-	-	-	37
-	47-SYL	47-ARLB	47-VIP	3810-47	R-47R	R-47L	47
-	57-SYL	57-ARLB	57-VIP	-	-	-	57

SD Teeth



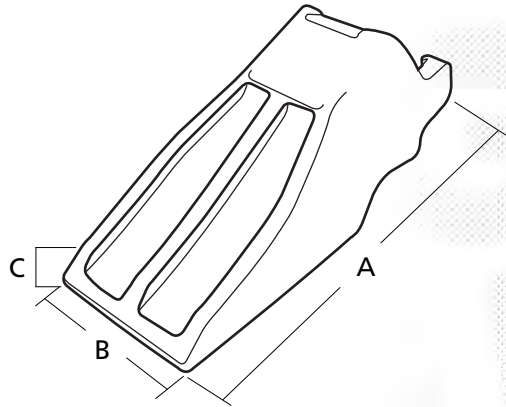
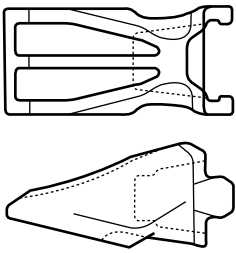
mm.							Right	Left	
A	B	C							
124 4,88"	122 4,80"	293 11,54"	7,46 16,45	37-SD	37-LK	-	-	-	37

SYL Teeth



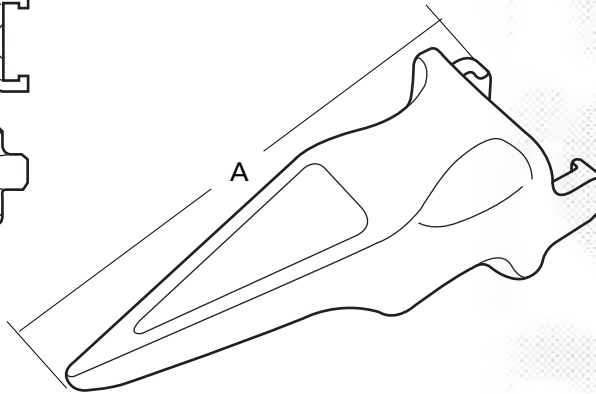
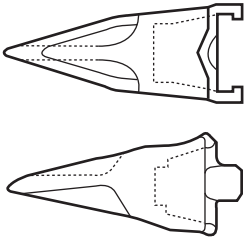
mm.							Right	Left	
A	B	C							
191 7,52"	76 2,99"	13 0,51"	3,30 7,28	21-SYL	21-LK	-	-	-	21
203 7,99"	89 3,50"	16 0,63"	4,70 10,36	27-SYL	27-LK	-	-	-	27
241 9,49"	121 4,76"	18 0,71"	8,00 17,64	37-SYL	37-LK	-	-	-	37
279 10,98"	127 5,00"	25 0,98"	12,10 26,68	47-SYL	47-LK	3810-47	R-47R	R-47L	47
330 12,99"	152 5,98"	32 1,26"	24,05 53,02	57-SYL	57-LK	-	-	-	57

ARLB Teeth



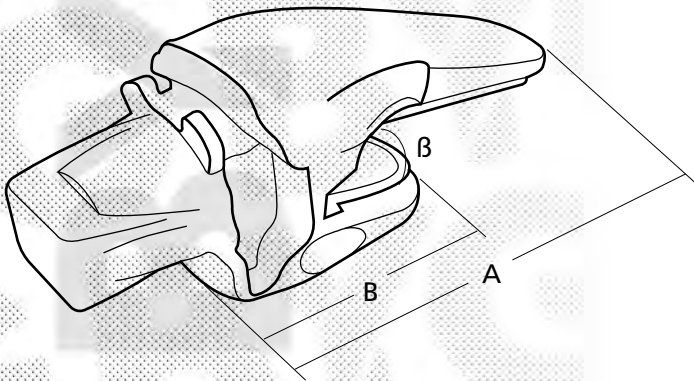
mm.			KG				Right	Left	
A	B	C							
298 11,73"	133 5,24"	28 1,10"	20,80 45,86	47-ARLB	47-LK	3810-47	R-47R	R-47L	47
311 12,24"	159 6,26"	18 0,71"	28,10 61,95	57-ARLB	57-LK	-	-	-	57

VIP Teeth



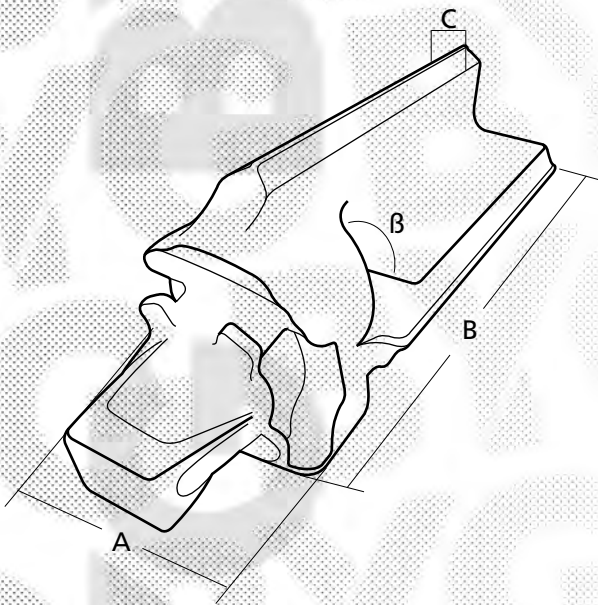
mm.			KG				Right	Left	
A	B	C							
207 8,15"	-	-	-	21-VIP	21-LK	-	-	-	21
235 9,25"	-	-	3,80 8,38	27-VIP	27-LK	-	-	-	27
290 11,42"	-	-	6,30 13,89	37-VIP	37-LK	-	-	-	37
324 12,76"	-	-	10,00 22,05	47-VIP	47-LK	3810-47	R-47R	R-47L	47
384 15,12"	-	-	-	57-VIP	57-LK	-	-	-	57

Helilok Adapter



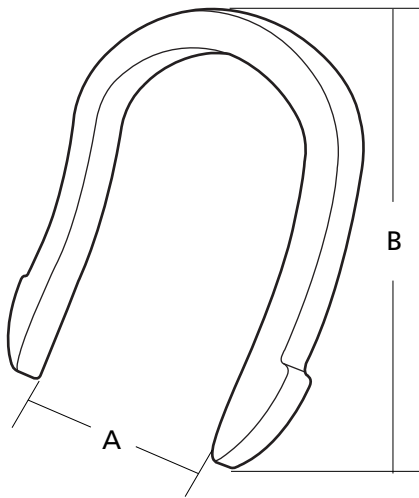
mm.						Right	Left		
A	B	B							
260 10,24"	140 5,51"	30 °	45 1,77"	24,82 54,72	3810-47	R-47R	R-47L	47-LK	47



Helilok Adapter Corner



mm.						Right	Left			
A	B	C	B							
160 6,30"	370 14,57"	40 1,57"	30 °	45 1,77"	44,60 98,32	R-47R	R-47L	3810-47	47-LK	47

Helilok Pin



mm.			
A	B		
50 1,97"	78 3,07"	21-LK	21
58 2,28"	87 3,43"	27-LK	27
71 2,80"	108 4,25"	37-LK	37
85 3,35"	120 4,72"	47-LK	47
100 3,94"	132 5,20"	57-LK	57

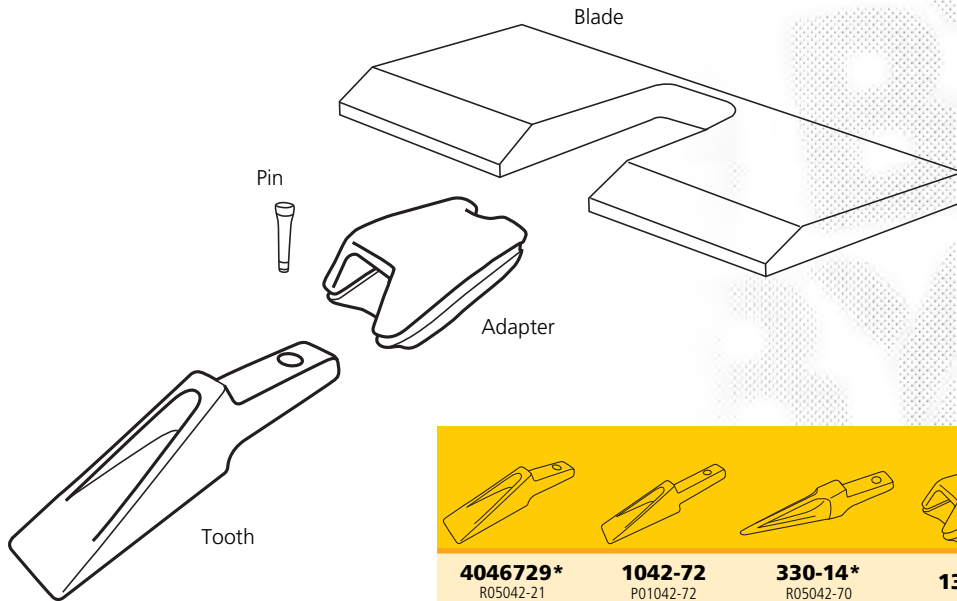


Poclain^{DRP}

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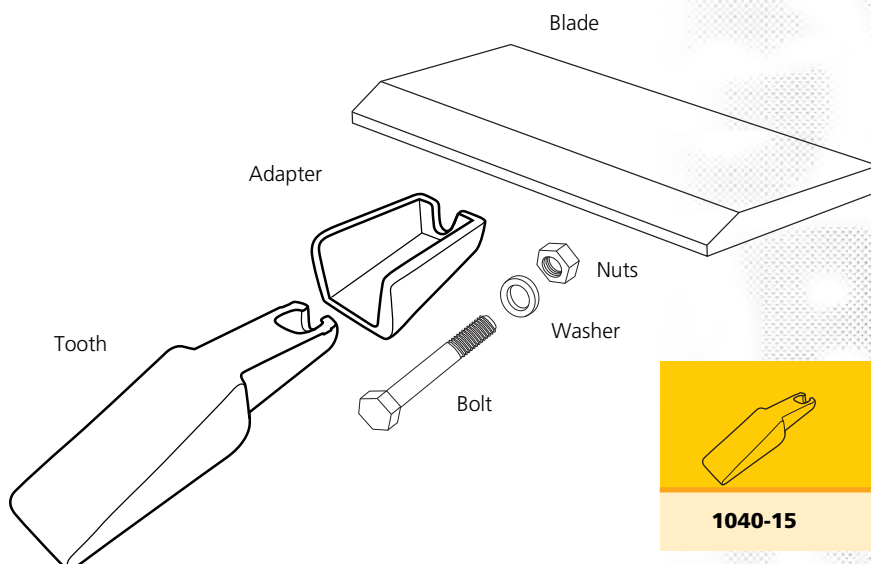
Other ref. number please consult.

Teeth for Poclain Excavator



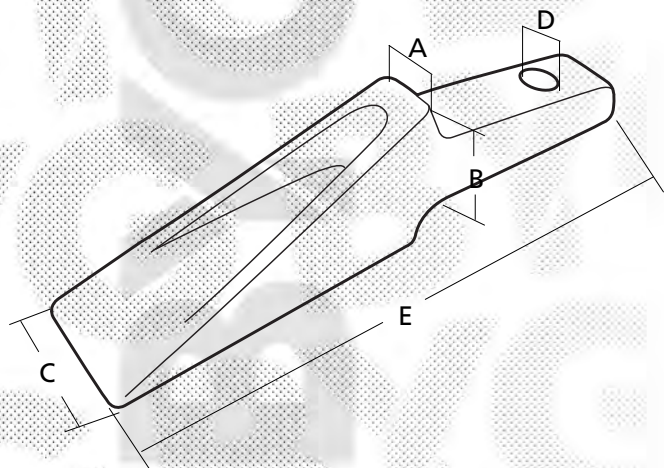
4046729* R05042-21	1042-72 P01042-72	330-14* R05042-70	130-02	TCS, TYS, LY2P, 60, 75, 80, 90
4038207 W0042-98	-	4046746E R03042-30	3031112	90, 100, 115, 120, 160, 200
1042-74 R01042-74	-	1042-74P B345-20	3031265	160, 200, 220, 300, 400

Clamshell teeth for Poclain



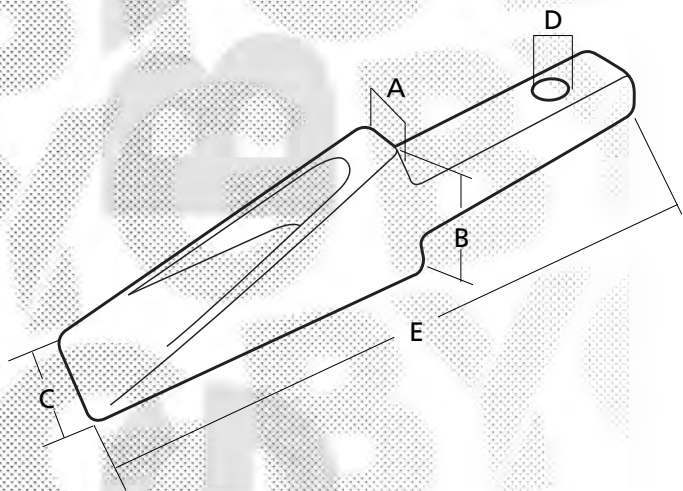
1040-15	1040-78	TCS-TYS-LY2P 60-75-80-90

Teeth for Poclair Excavator



mm.									
A	B	C	D	E					
50 1,97"	50 1,97"	75 2,95"	24 0,94"	337 13,27"	6,20 13,67	1042-72 P01042-72	130-02	200-14-OL	TCS, TYS, LY2P, 60, 75, 80, 90

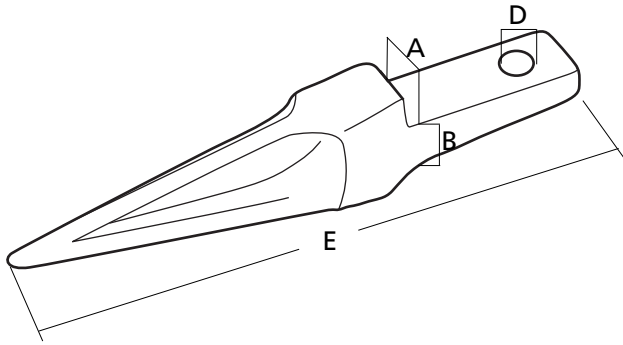
Teeth for Poclair Excavator



mm.									
A	B	C	D	E					
50 1,97"	50 1,97"	80 3,15"	14 - 24 0,55" - 0,94"	345 13,58"	6,19 13,65	4046729* R05042-21	130-02	200-14-OL	TCS, TYS, LY2P, 60, 75, 80, 90
57 2,24"	58 2,28"	92 3,62"	28 1,10"	485 19,09"	12,00 26,46	4038207 W0042-98	3031112	200-18-OL	90, 100, 115, 120, 160, 200
75 2,95"	75 2,95"	105 4,13"	38 1,50"	580 22,83"	24,00 52,91	1042-74 R01042-74	3031265	200-18-OL	160, 200, 220, 300, 400

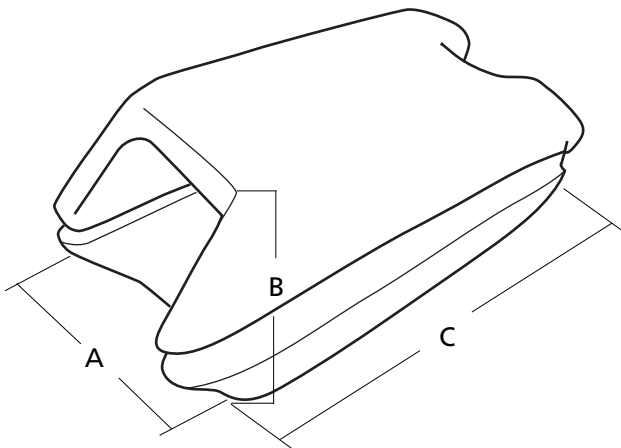
* Component manufactured with two holes of 14 and the other of 24 mm.

Teeth for Poclair Excavator



mm.				KG				
A	B	D	E					
50 1,97"	50 1,97"	14 - 24 0,55" - 0,94"	404 15,91"	7,00 15,43	330-14* R05042-70	130-02	200-14-OL	TCS, TYS, LY2P, 60, 75, 80, 90
57 2,24"	58 2,28"	28 1,10"	460 18,11"	11,0 24,25	4046746E R03042-30	3031112	200-18-OL	90, 100, 115, 120, 160, 200
75 2,95"	75 2,95"	38 1,50"	630 24,80"	24,00 52,91	1042-74P B345-20	3031265	200-18-OL	160, 200, 220, 300, 400

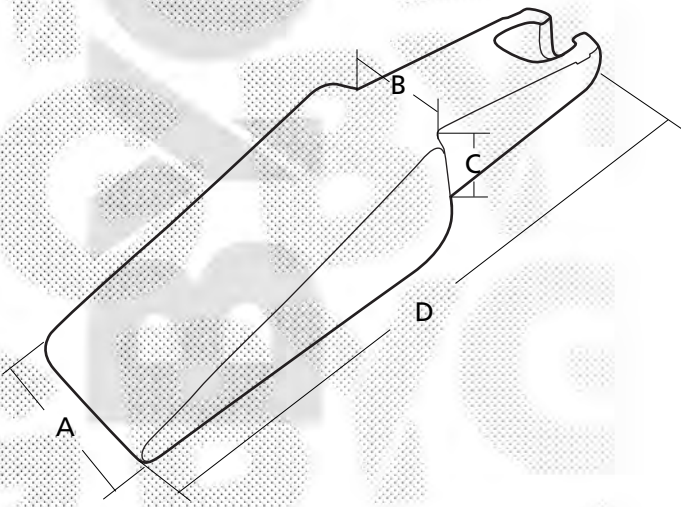
Adapters



mm.			KG				
A	B	C					
82 3,23"	106 4,17"	220 8,66"	5,20 11,46	130-02	200-14-OL	1042-72 4046729 330-14	TCS, TYS, LY2P, 60, 75, 80, 90
116 4,57"	116 4,57"	240 9,45"	11,00 24,25	3031112	200-18-OL	4030207 4046746	90, 100, 115, 120, 160, 200
121 4,76"	145 5,71"	330 12,99"	19,10 42,11	3031265	200-18-OL	1042-74	160, 200, 220, 300, 400

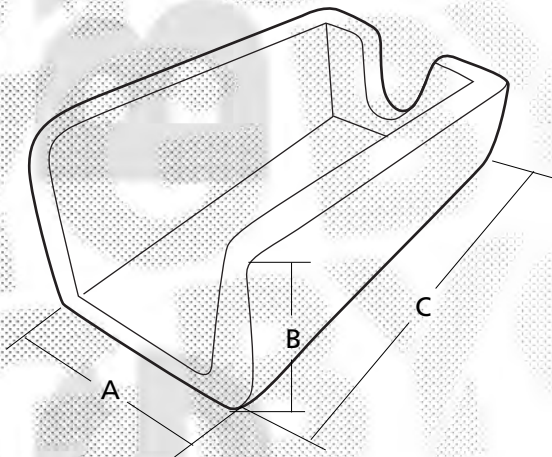
* Component manufactured with two holes, one of ø14mm and the other of ø24 mm.

Clamshell Teeth for Poclair



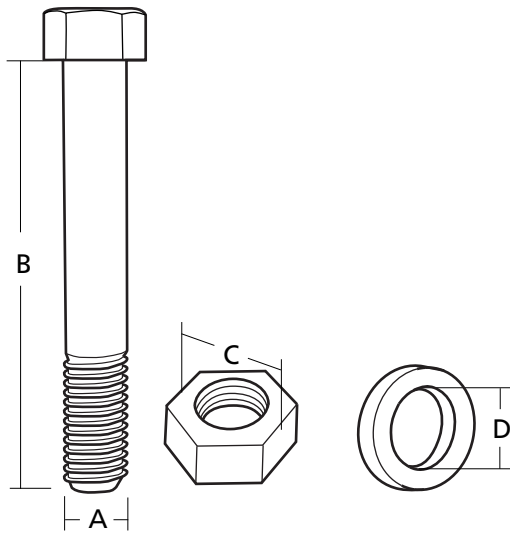
mm.										
A	B	C	D							
75	52	50	105	5,30	1040-15	1040-78	M-14060	TM-014	0-214	TCS-TYS-LY2P 60-75-80-90
2,95"	2,05"	1,97"	4,13"	11,68						




Bolt-On Adapter for Poclair

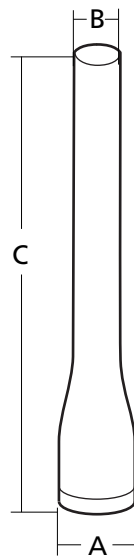



mm.								
A	B	C						
93	50	143	1,60	1040-78	1040-15	M-14060	TM-014	0-214
3,66"	1,97"	5,63"	3,53					

Fasteners

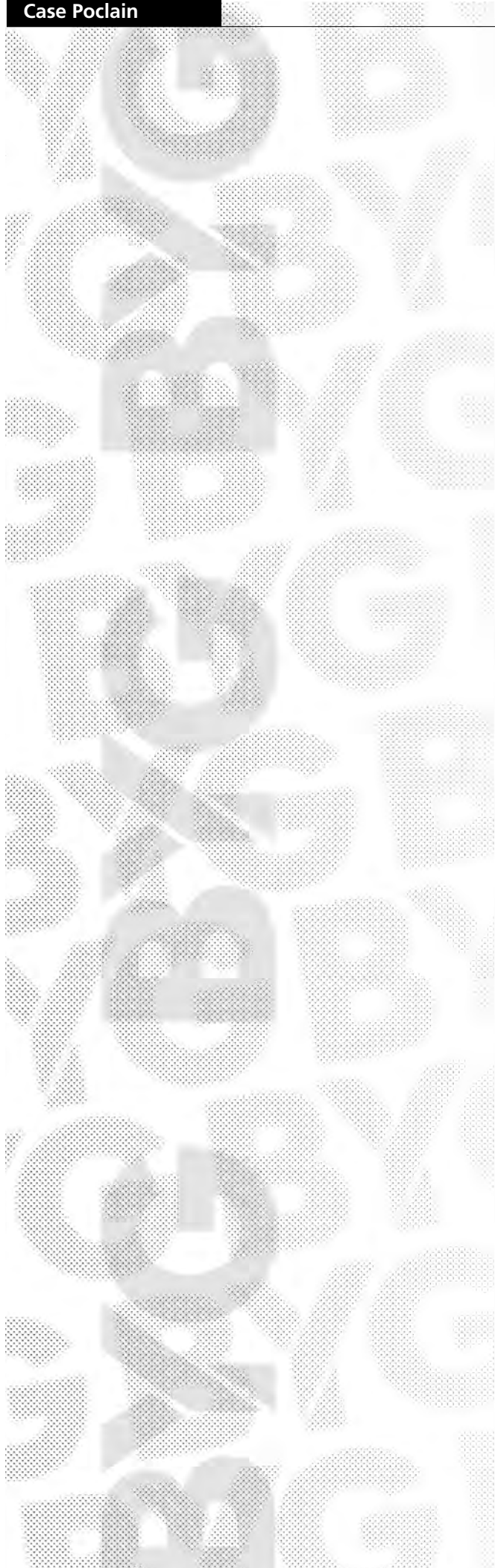


mm.						
A	B	C	D			
14 0,55"	60 2,36"	22 0,87"	16 0,63"	M-14060	TM-014	O-214



mm.			
A	B	C	
19 0,75"	13 0,51"	120 4,72"	200-14-OL
28 1,10"	18 0,71"	150 5,91"	200-18-OL

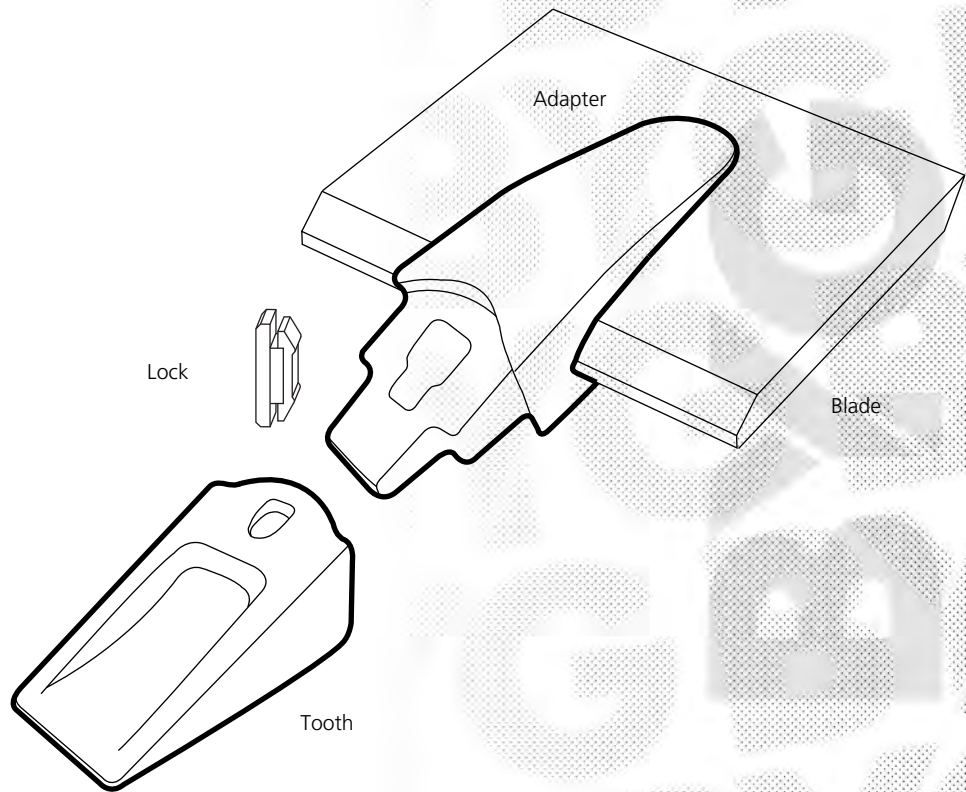






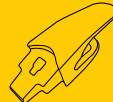




DRP Case Poclairn

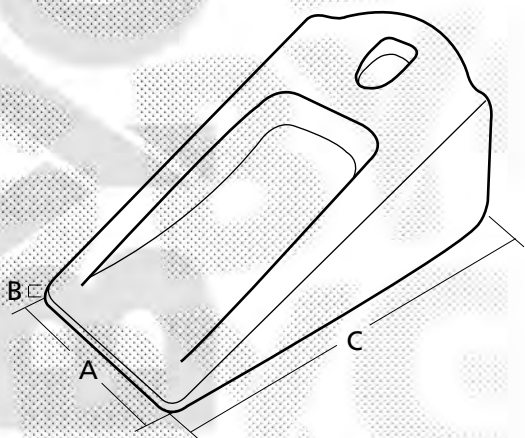
Teeth

Bold ref. number, product available
Other ref. number please consult.



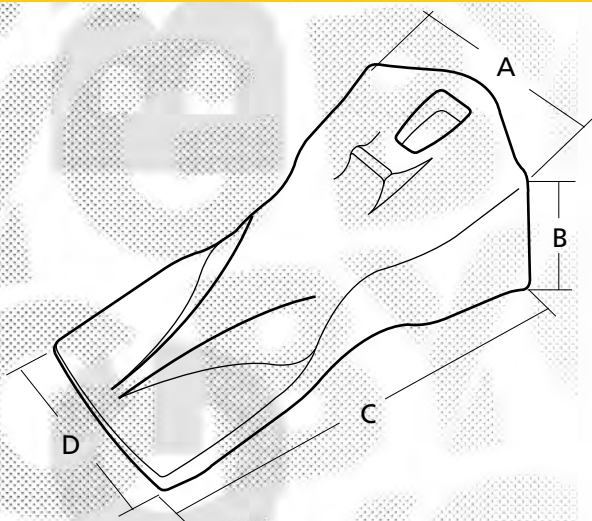
Standard	SYL	Rock	VIP	Adapter		
						
7042-25 6042-81	7042-25 SYL	7042-26 6042-85	7042-28 6042-83	6042-91	Poclairn: 60,61,70,75,85 Case: 688,888	44
7042-29 6042-82	7042-29 SYL	7042-30 6042-86	7042-32 6042-84	-	Poclairn: 75, 81, 85, 90 Case: 888, 1088	55
16040-13	-	16040-11	16040-12	-	Poclairn: 160, 120	60
15040-92	-	15040-94	15040-93	-	Poclairn: 160, 120	68

Standard Teeth for Excavator



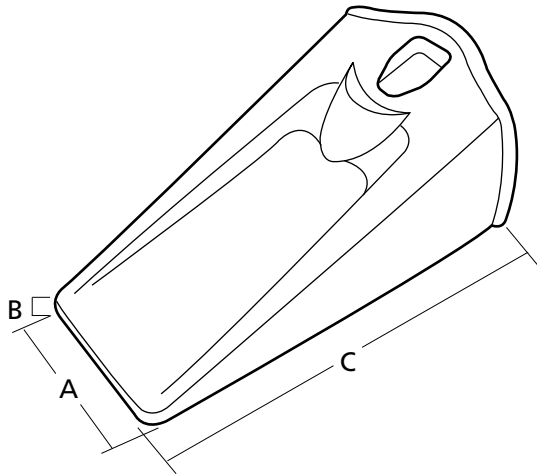
mm.									
A	B	C							
90 3,54"	9 0,35"	177 6,97"	4,35 9,59	7042-25 6042-81	6042-91	N0120601	Poclain: 60,61,70,75,85 Case: 688,888	44	
100 3,94"	8 0,31"	226 8,90"	6,10 13,45	7042-29 6042-82	-	P0120602	Poclain: 75, 81, 85, 90 Case: 888, 1088	55	
120 4,72"	11 0,43"	245 9,65"	11,00 24,25	16040-13	-	T1236129	Poclain: 160, 120	60	
136 5,35"	12 0,47"	275 10,83"	16,25 35,82	15040-92	-	P1236125	Poclain: 160, 120	68	

SYL Teeth for Excavator



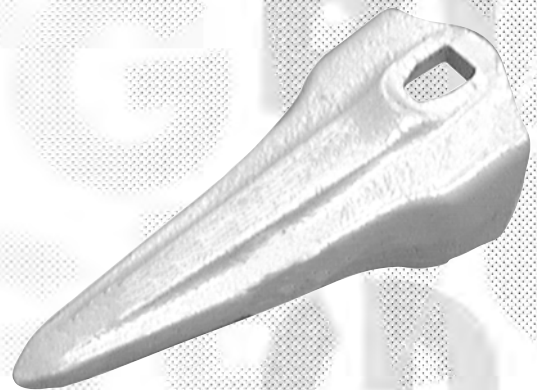
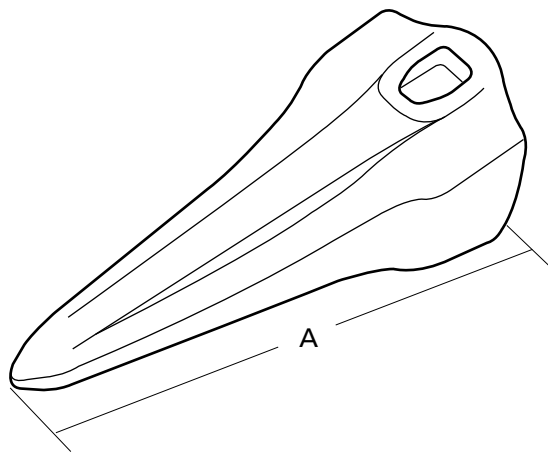
mm.									
A	B	C	D						
100 3,94"	70 2,76"	190 7,48"	90 3,54"	3,22 7,10	7042-25 SYL	6042-91	N0120601	Poclain: 60,61,70,75,85 Case: 688,888	44
129 5,08"	100 3,94"	227 8,94"	102 4,02"	6,24 13,76	7042-29 SYL	-	P0120602	Poclain: 75, 81, 85, 90 Case: 888, 1088	55

Rock Teeth for Excavator



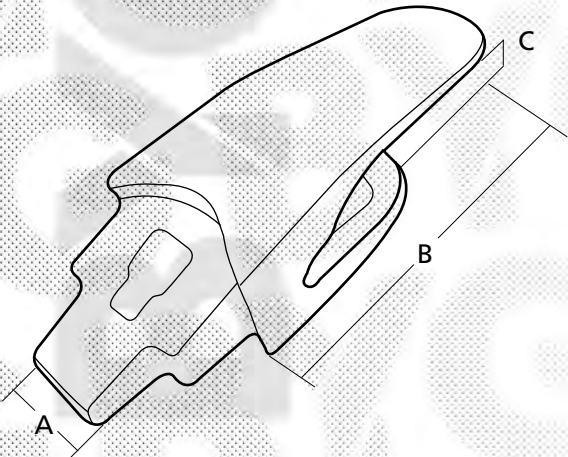
mm.								
A	B	C						
88 3,46"	20 0,79"	178 7,01"	4,86 10,71	7042-26 6042-85	6042-91	N0120601	Poclairn: 60,61,70,75,85 Case: 688,888	44
110 4,33"	24 0,94"	223 8,78"	8,00 17,64	7042-30 6042-86	-	P0120602	Poclairn: 75, 81, 85, 90 Case: 888, 1088	55
120 4,72"	27 1,06"	245 9,65"	12,40 27,34	16040-11	-	T1236129	Poclairn: 160, 120	60
136 5,35"	30 1,18"	275 10,83"	17,83 39,31	15040-94	-	P1236125	Poclairn: 160, 120	68

Penetration Teeth for Excavator



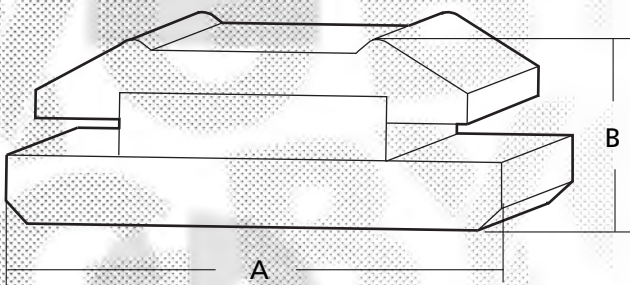
mm.							
A							
227 8,94"	3,25 7,16	7042-28 6042-83	6042-91	N0120601	Poclairn: 60,61,70,75,85 / Case: 688,888	44	
305 12,01"	6,15 13,56	7042-32 6042-84	-	P0120602	Poclairn: 75, 81, 85, 90 / Case: 888, 1088	55	
308 12,13"	10,20 22,49	16040-12	-	T1236129	Poclairn: 160, 120	60	
347 13,66"	14,75 32,52	15040-93	-	P1236125	Poclairn: 160, 120	68	

Excavator Adapters



mm.							
A	B	C					
45 1,77"	180 7,09"	40 1,57"	6,75 14,88	6042-91	N0120601	Poclair: 60,61,70,75,85 Case: 688,888	44

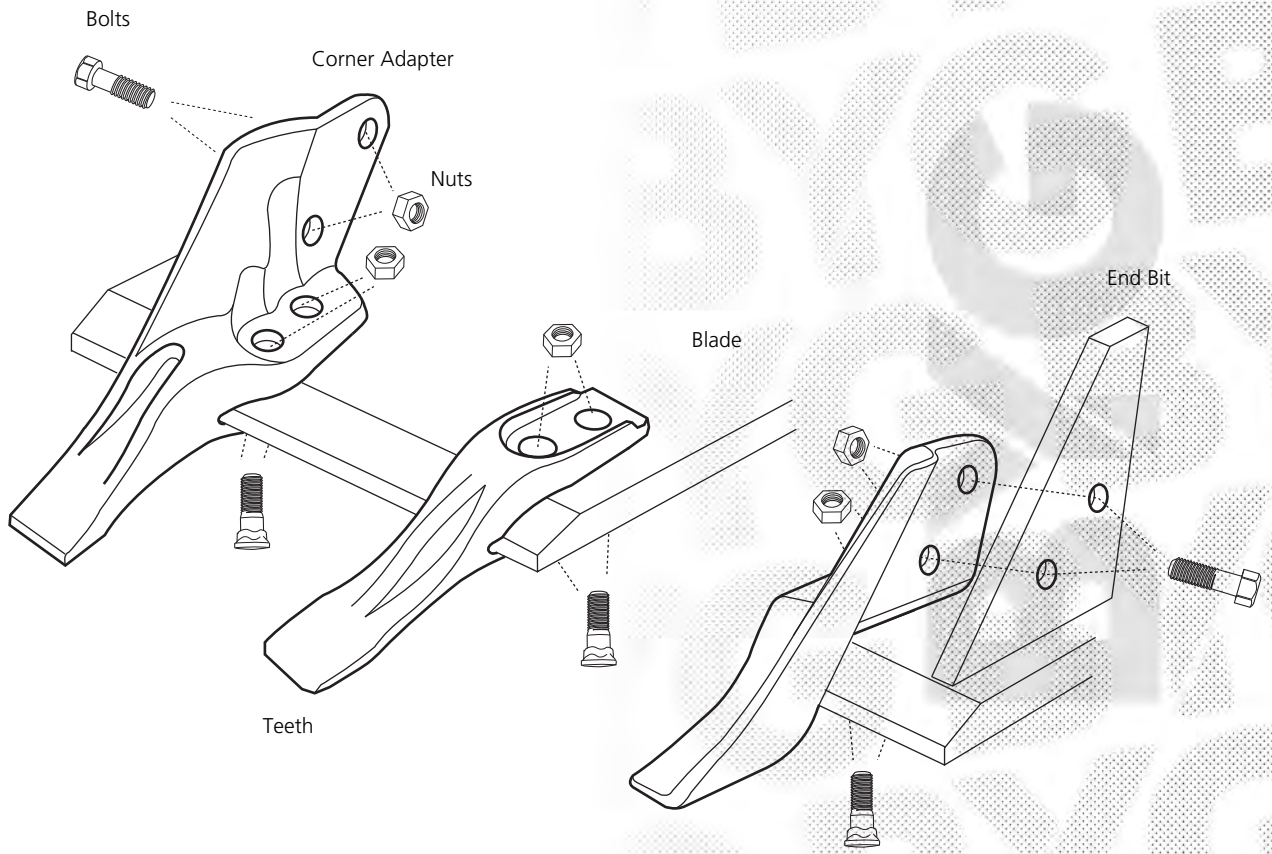
Poclair Lock








mm.			
A	B		
84 3,31"	27 1,06"	N0120601	44
106 4,17"	34 1,34"	P0120602	55
116 4,57"	37 1,46"	T1236129	60
134 5,28"	41 1,61"	P1236125	68

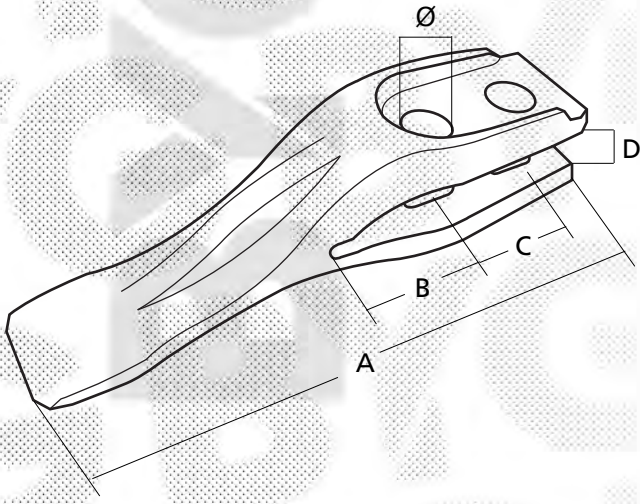
DRP
JCB
Teeth









Bold ref. number, product available
Other ref. number please consult.



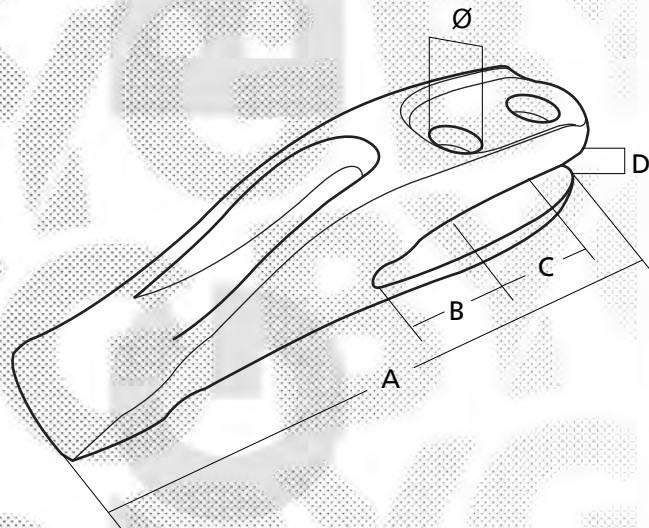
Bolt-On Teeth	Standard	Corner Adapter		JCB-3CX
				
53103205 P	53103205	53103208	53103209	JCB-3CX








Bolt-On Monoblock Teeth



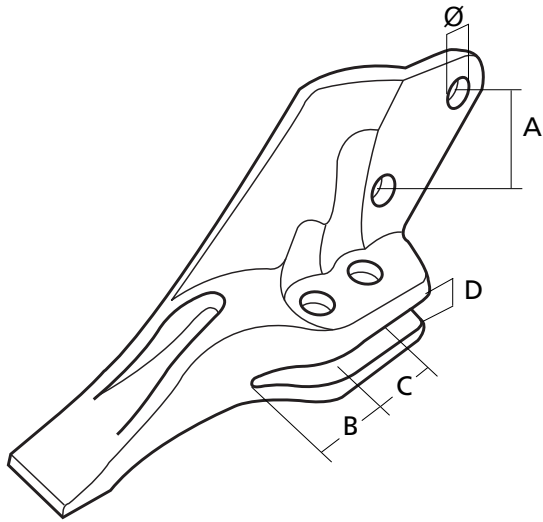
mm.					Ø	KG						
A	B	C	D									
245	57	44,5	21	20,5	2,00	53103205 P			PB-324	NP-190	JCB-3CX	
9,65"	2,24"	1,75"	0,83"	0,81"	4,41							

Bolt-On Monoblock Teeth



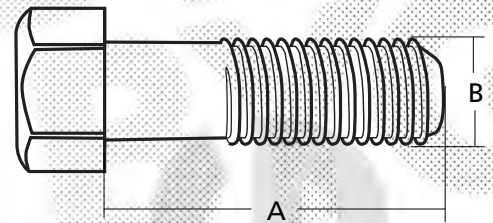
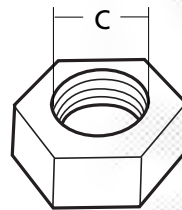
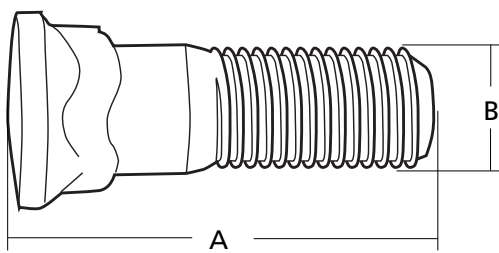
mm.					Ø	KG					
A	B	C	D								
245	57	44,5	21	20,5	2,50	53103205			PB-324	NP-190	
9,65"	2,24"	1,75"	0,83"	0,81"	5,51						

Bolt-On Corner Teeth

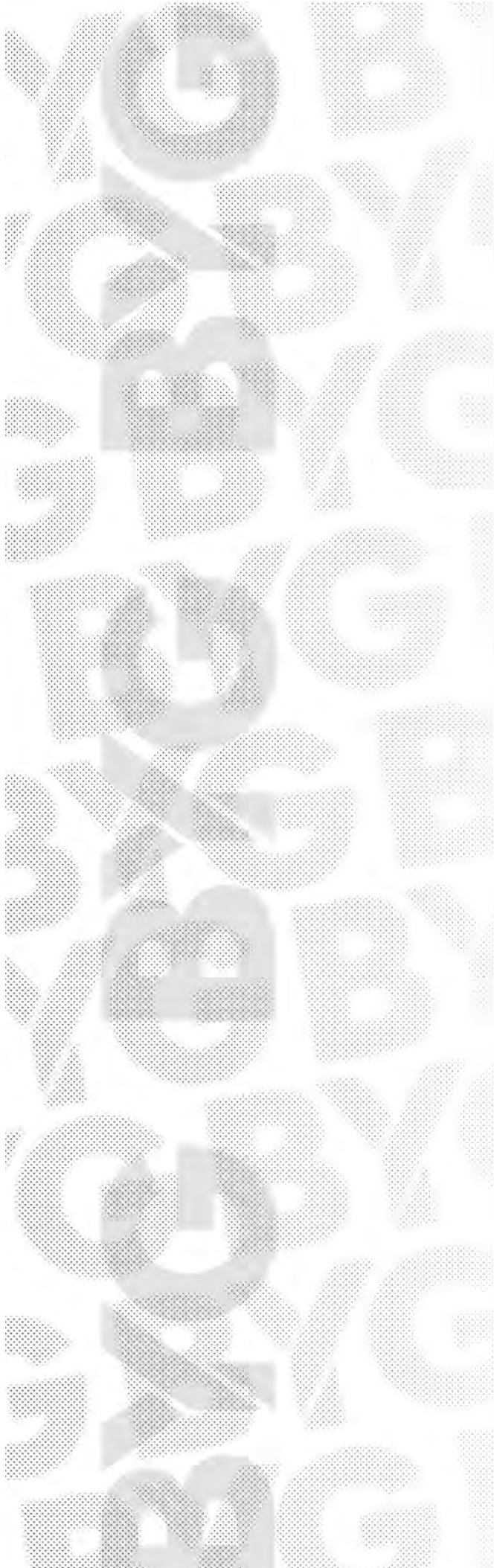


mm.											
A	B	C	D	Ø							
87,5	57	44,5	21	20,5	5,25	53103208					
3,44"	2,24"	1,75"	0,83"	0,81"	11,57						53103209

Bolts & Nuts



mm.			Thread	Thread	OEM	BYG	OEM	BYG	OEM	BYG
A	B	C								
50	20	20	-	2,50	6V-3531	M-20050	-	-	6V-7742	TM-020
1,97"	0,79"	0,79"	-	0,10"						
2-1/2"	3/4"	3/4"	10	-	-	-	5J-4773	PB-324	2J-3506	NP-190
-	-	-	0,39"	-						

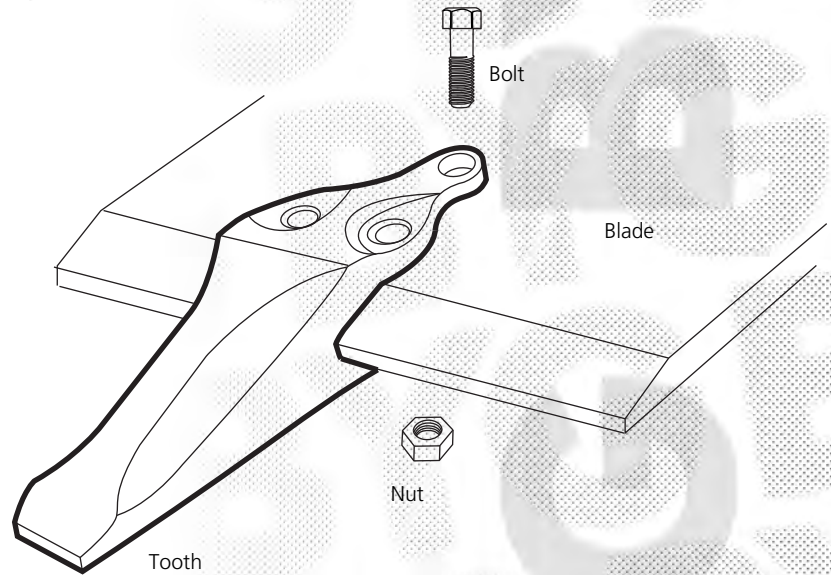


DRP Komatsu

Bold ref. number, product available

Other ref. number please consult.

Monoblock Teeth for Loaders



2 Holes	Short: 2 Holes	3 Holes	Short: 3 Holes		
				WA-20-1, WA-30-2	-
-	105-70-22211	-	-	WA-40-1	-
-	-	20T-70-13130	-	WA-60-1, WA-60-2	-
-	-	113-70-22140	-	WA-70-1	-
-	-	-	415-70-13110 415-70-13111	WA-100-1, WA-120-1, WA-150-1	-
-	-	-	417-70-13250 417-70-13251	WA-180-1, WA-200-1, WA-250-1	-
-	-	-	418-70-13160	WA-300-1, WA-320-1, WA-350-1 WA-380-1, WA-400-1, WA-420-1 WA-460-1, WA-470-1	-
-	-	419-70-13114	-	WA-500-1	-
425-70-13212	-	-	-	-	D20, D215-5, 6, D21Q-5, 6
-	-	103-70-22140	-	-	D31S-17, 18
-	-	113-70-22140	-	-	D31Q-17, 18
-	-	125-70-21810	-	-	D50S-16, D53S-16, 17, D57S-1, D75S-1
135-70-34110	-	-	-	-	D505-15, D555-3 D53S-15
-	-	-	135-70-13411	-	D60, D65S-7,8
-	-	-	145-70-19181	-	D665-1 D755-3,5
-	-	145-70-44110 145-70-44181	-	-	D955-1
155-70-14112	-	-	-	-	D155S-1
178-70-14110	-	-	-	-	

Loader Bolt-On Monoblock Teeth

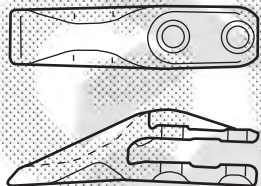


Fig. 1

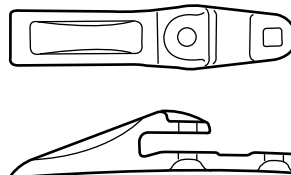
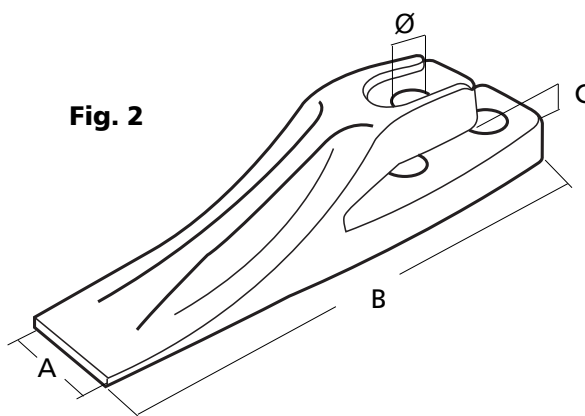
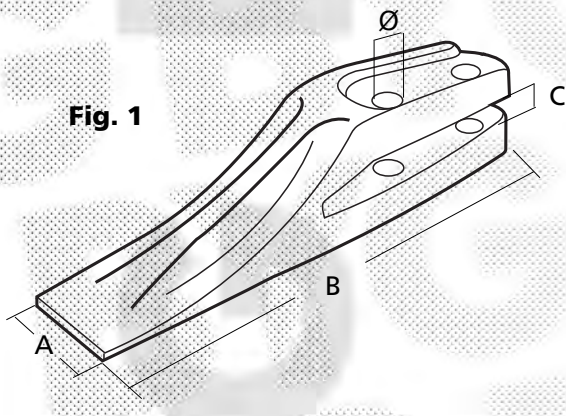


Fig. 2



mm.								Fig.			
A	B	C	Ø								
-	-	-	-	-	-	-	105-70-22211	2	02090-11065	09218-11614	WA-20-1 WA-30-2
-	-	-	-	-	-	-	20T-70-13130	3	02090-11060	02205-11015	WA-40-1
53 2,09"	95 3,74"	22,5 0,89"	20 0,79"	20 0,79"	-	-	113-70-22140	3	09208-11965	09218-11916	WA-60-1 WA-60-2
43 1,69"	65 2,56"	22,5 0,89"	20 0,79"	20 0,79"	-	-	415-70-13110 415-70-13111	4	09208-11965	09218-11916	WA-70-1
53 2,09"	95 3,74"	22,5 0,89"	20 0,79"	20 0,79"	-	-	417-70-13250 417-70-13251	4	09208-11965	09218-11916	WA-100-1 WA-120-1 WA-150-1
65 2,56"	120 4,72"	25,5 1,00"	23 0,91"	25,4 1,00"	-	-	418-70-13160	4	423-70-13180	02290-11422	WA-180-1 WA-200-1 WA-250-1
75 2,95"	120 4,72"	28,5 1,12"	26,5 1,04"	28 1,10"	-	-	419-70-13114	3	09208-12290	09218-12219	WA-300-1 WA-320-1 WA-350-1 WA-380-1 WA-400-1 WA-420-1 WA-460-1 WA-470-1
85 3,35"	150 5,91"	40,8 1,61"	28 1,10"	40 1,57"	-	-	425-70-13212	1	02091-11610	02290-11625	WA-500-1

Loader Bolt-On Monoblock Teeth

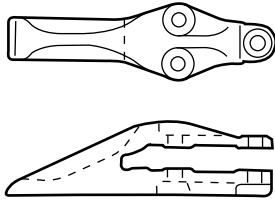


Fig. 3

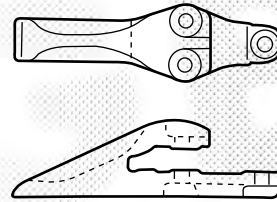
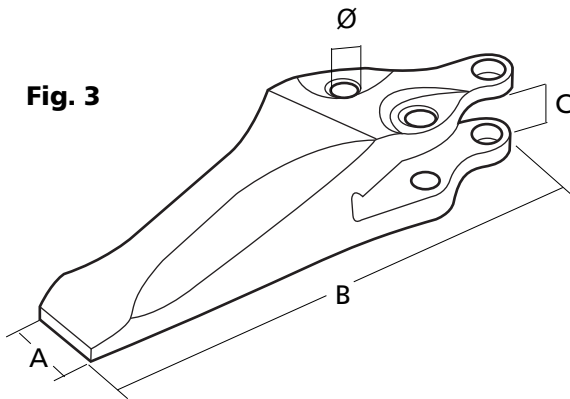
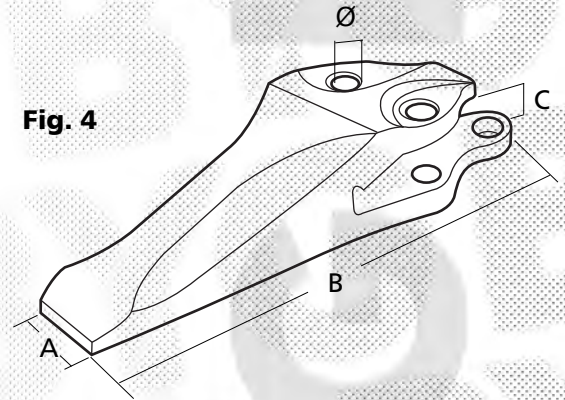
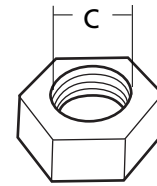
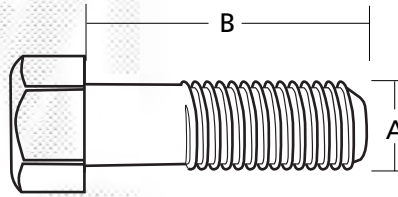
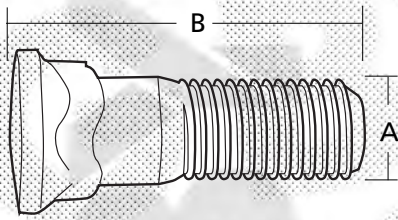



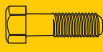

Fig. 4



mm.								Fig.				
A	B	C	Ø									
43 1,69"	65 2,56"	22 0,87"	20 0,79"	20 0,79"	-	-	103-70-22140	3	-	113-70-22160	113-70-22280	D20, D215-5, 6, D21Q-5, 6
53 2,09"	95 3,74"	22 0,87"	20 0,79"	20 0,79"	-	-	113-70-22140	3	-	09208-11965	09218-11916	D31S-17, 18
65 2,56"	120 4,72"	28 1,10"	23 0,91"	25,4 1,00"	8,8 19,40	-	125-70-21810	3	125-70-21640	-	145-70-44130	D31Q-17, 18
75 2,95"	120 4,72"	29 1,14"	-	25,4 1,00"	12,3 27,12	-	135-70-34110	1	135-70-34120	-	135-7034130	D50S-16, D53S-16, 17, D57S-1, D75S-1
95 3,74"	100 3,94"	28,5 1,12"	21 0,83"	28 1,10"	12,9 28,44	-	135-70-13411	4	02090-11270 (D) 154-70-11143 (T)	-	-	D50S-15, D55S-3 D53S-15
110 4,33"	125 4,92"	36,5 1,44"	23 0,91"	35 1,38"	20 44,09	-	145-70-19181	4	-	09208-02280 (D) 09208-02205 (T)	09218-02219	D60, D65S-7,8
72 2,83"	125 4,92"	35,4 1,39"	23 0,91"	35 1,38"	15,5 34,17	-	145-70-44110 145-70-44181	3	09208-12290	-	09218-12219	D66S-1 D75S-3,5
113 4,45"	150 5,91"	40,5 1,59"	28 1,10"	40 1,57"	-	-	155-70-14112	1	-	155-70-14222	155-70-14141	D95S-1
120 4,72"	175 6,89"	52 2,05"	34 1,34"	50 1,97"	-	-	178-70-14110	1	-	09208-13314	09218-13329	D155S-1

Bolts & Nuts



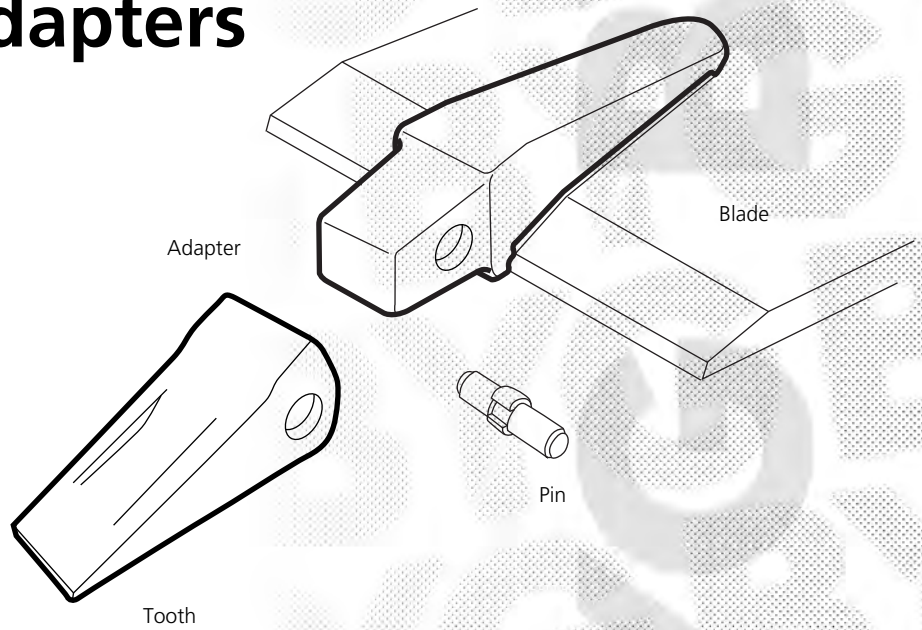
mm.			Thread	OEM	BYG	OEM	BYG	OEM	BYG
A	B	C							
-	-	-	-	-	-	113-70-22160	-	113-70-22280	-
-	-	-	-	-	-	09208-11965	-	09218-11916	-
-	-	-	-	125-70-21640	-	-	-	145-70-44130	-
1"	3 1/2"	1"	8	135-70-34120	PB-944	-	-	135-70-34130	NP-100
3/4"	2-3/4"	3/4"	10	02090-11270	PB-326	-	-	-	NP-190
3/4"	3-1/4"	3/4"	10	154-70-11143 02090-11290	PB-330	-	-	-	-
7/8"	4"	7/8"	9	-	-	09208-02280 (2)	S-4630	09218-02219	NP-222
7/8"	3-1/2"	7/8"	9	-	-	09208-02205 (1)	S-4629	-	-
7/8"	4"	7/8"	9	09208-12290	PB-744	-	-	09218-02219	NP-222
-	-	-	-	-	-	155-70-14222	-	155-70-14141	-
-	-	-	-	-	-	09208-13314	-	09218-13329	-
-	-	-	-	-	-	02090-11065	-	09218-11614	-
-	-	-	-	-	-	02090-11060	-	02205-11015	-
-	-	-	-	-	-	423-70-13180	-	02290-11422	-
-	-	-	-	-	-	02091-11610	-	02290-11625	-



DRP
Komatsu

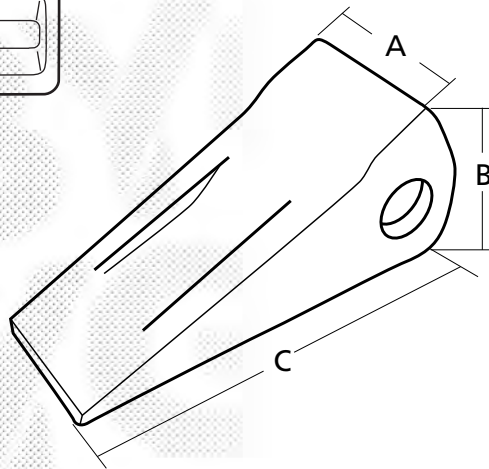
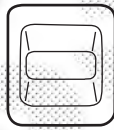
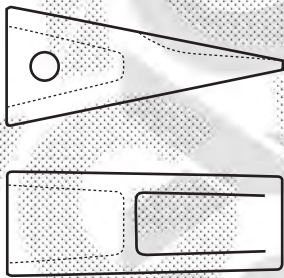
Bold ref. number, product available
 Other ref. number please consult.

**Side Pin
 Teeth and Adapters
 for Loaders**



Standard	Bolt-On 3 Holes	Weld-On Flush Mount	Two Strap	
207-70-14151	142-70-12230	-	-	D66 S-1
415-84-71110	415-847-1120	-	-	WA 70-1
201-70-24140	417-847-1140	-	-	WA 100-1, WA 120-1 WA 150-1
20X-70-14160	418-847-1120	-	-	WA 180-1, WA 200-1 WA 250-1
202-70-12130	419-847-1111	-	-	WA 300-1, WA 320-1
423-847-1140	-	-	419-847-1210	WA 350-1
	423-847-1111	-	423-847-1210	WA 380-1 WA 400-1, WA 420-1 WA 450-1, WA 470-1
426-847-1110	425-847-1191	426-847-1120 ^a	426-847-1121 A	WA 500-1,
	426-847-1141	426-847-1121 ^b	-	WA 600-1
427-70-13731	-	-	-	WA 700-1
427-842-1120	-	427-70-13742	-	WA 800-2

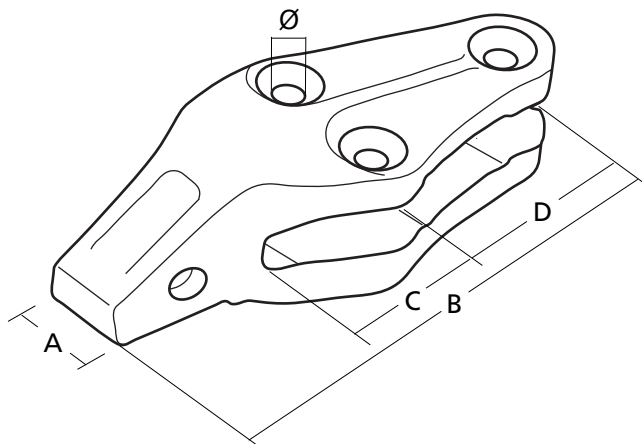
Loader Side Pin Teeth



mm.			KG							
A	B	C								
120 4,72"	114 4,49"	244 9,61"	6,90 15,21	207-70-14151	09244-02516	142-70-12230	-	-	D66 S-1	
-	-	-	-	415-84-71110	201-70-00150	415-847-1120	-	-	WA 70-1	
-	-	-	-	201-70-24140	201-70-00150	417-847-1140	-	-	WA 100-1, WA 120-1 WA 150-1	
75 2,95"	75 2,95"	175 6,89"	1,71 3,77	20X-70-14160	20X-70-00100	418-847-1120	-	-	WA 180-1, WA 200-1 WA 250-1	
92 3,62"	89 3,50"	180 7,09"	4,10 9,04	202-70-12130	09244-02496	419-847-1111	-	-	WA 300-1, WA 320-1	
137 5,39"	139 5,47"	287 11,30"	8,41 18,54	423-847-1140	09244-02516	423-847-1111	-	419-847-1210	WA 350-1	
							-	423-847-1210	WA 380-1 WA 400-1, WA 420-1 WA 450-1, WA 470-1	
138 5,43"	139 5,47"	285 11,22"	12,15 26,79	426-847-1110	09244-03036	425-847-1191 426-847-1141	426-847-1120 ^a 426-847-1121 ^b	426-847-1121 A	WA 500-1 WA 600-1	
-	-	-	-	427-70-13731	427-70-13770	-	-	-	WA 700-1	
-	-	-	-	427-842-1120	427-70-13790	-	427-70-13742	-	WA 800-2	

a - Straight cutting edge
b - Delta cutting edge

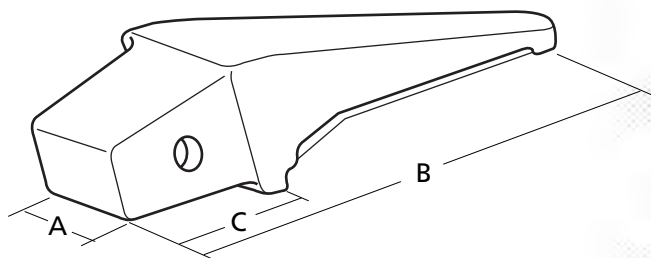
Loader Bolt-On Adapters: 3 Holes



mm.					Ø							
A	B	C	D									
-	-	-	-	-	-	-	142-70-12230	09208-12290 (D) 09218-12219 (T)	-	207-70-14151	D66 S-1	
-	-	-	-	-	-	-	415-847-1120	-	-	415-84-71110	WA 70-1	
-	-	-	-	-	-	-	417-847-1140	-	-	201-70-24140	WA 100-1, WA 120-1 WA 150-1	
-	-	-	-	-	-	-	418-847-1120	-	-	20X-70-14160	WA 180-1, WA 200-1 WA 250-1	
-	-	-	-	-	-	-	419-847-1111	-	-	202-70-12130	WA 300-1, WA 320-1	
-	-	-	-	-	-	-	423-847-1111	09208-12290 (D) 09218-12219 (T)	-	423-847-1140	WA 350-1	
-	-	-	-	-	-	02091-12050 (D) 02290-12031 (T)		-	WA 380-1 WA 400-1, WA 420-1 WA 450-1, WA 470-1			
-	-	-	-	-	-	-	425-847-1191	-	-	426-847-1110	WA 500-1	
-	-	-	-	-	-	-	426-847-1141	-	-	-	WA 600-1	

D: Front
T: Rear

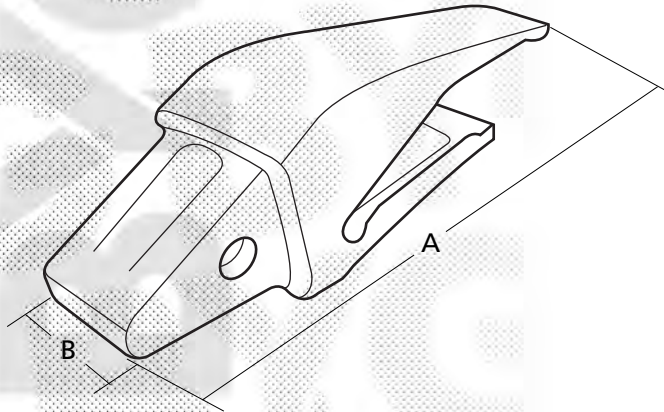
Loader Weld-On Flush Mount Adapters



mm.								
A	B	C						
43 1,69"	65 2,56"	22,5 0,89"	20 0,79"	426-847-1120 ^a	09244-03036	426-847-1110	WA 500-1	
53 2,09"	95 3,74"	22,5 0,89"	20 0,79"	426-847-1121 ^b			WA 600-1	
-	-	-	-	427-70-13742	427-70-13770	427-70-13731	WA 700-1	
-	-	-	-		427-70-13790	427-70-13780	WA 800-2	

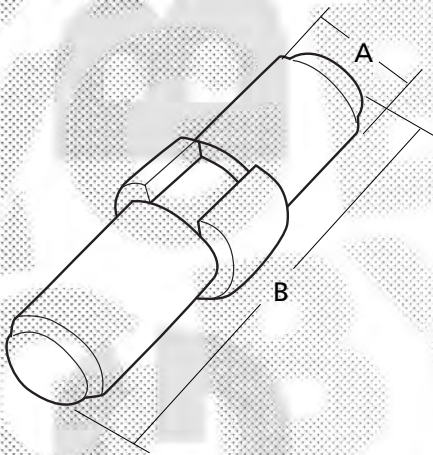
a - Straight cutting edge
b - Delta cutting edge

Loader Two Strap Weld-On Adapters



mm.							
A	B						
-	-	-	-	419-847-1210	09244-02516		WA 350-1
-	-	-	-	423-847-1210	09244-02516	423-847-1140	WA 380-1, WA 400-1 WA 420-1, WA 450-1, WA 470-1
472 18,58"	86,5 3,41"	60 2,36"	24,50 54,01	426-847-1121 A	09244-03036	426-847-1110	WA 500-1

Fasteners



mm.		BYG Ref.	Alternative Ref.		
A	B				
25 0,98"	119 4,69"	09244-02516	175-78-21810		D66-S-1, WA 350-1, WA 380-1 WA 400-1, WA 420-1 WA450-1, WA 470-1
17 0,67"	61 2,40"	201-70-00150	201-70-24150		WA-70-1, WA 100-1 WA 120-1, WA 150-1
20 0,79"	71 2,80"	20X-70-00100	20X-70-14170		WA-180-1, WA 200-1 WA 250-1
25 0,98"	97 3,82"	09244-02496	205-70-19610 205-70-69130		WA 300-1, WA 320-1
25 0,98"	145 5,71"	09244-03036	198-79-11320 A03-78-11730 426-847-1130		WA 500-1, WA 600-1
38 1,50"	151 5,94"	427-70-13770	-		WA 700-1
38 1,50"	167 6,57"	427-70-13790	-		WA 800-2

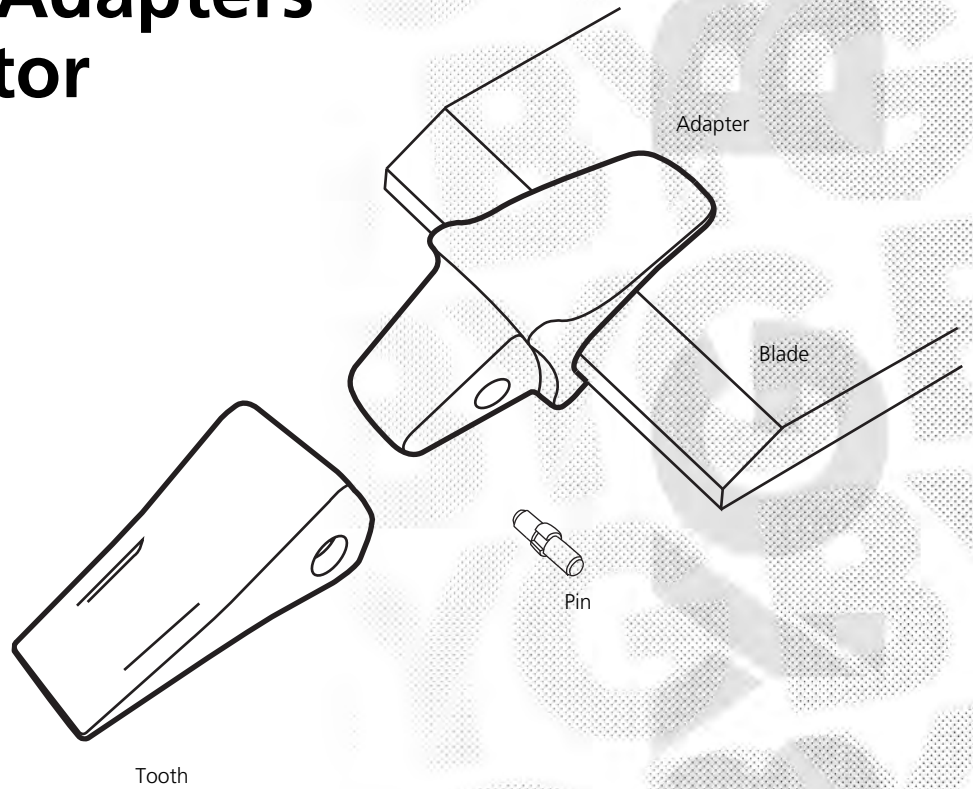
DRP Komatsu

**Bold ref. number,
product available**

*Other ref. number
please consult.*

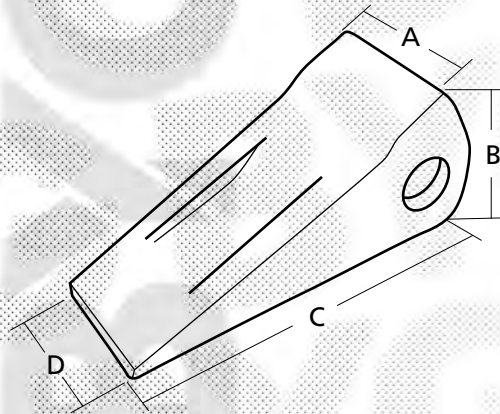


Side Pin Teeth and Adapters for Excavator



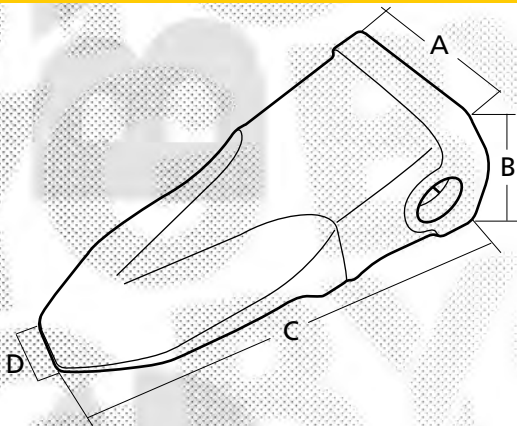
Standard	Abrasion RE	SYL	VIP	Long Tooth	Corner Tooth	Two Strap	
F205-70-19570 FK200 S	205-70-19570 RE	205-70-19570 SYL	205-70-19570 VIP	20Y-70-K4060	20Y-70-K4150	205-70-68141 205-939-7120	PC100, PC100L-5, PC120-5, PC130, PC200LC-5, PW210-1
F207-70-14151 FK300 S	207-70-14151 RE	207-70-14151 SYL	207-70-14151 VIP	20Y-70-K4070	20Y-70-K4160	207-70-14142 207-939-3120	PC220, PC220LC-5, PC240LC-NLC, PC280LC-3, PC290 LC/NLC, PC300, PC300LC-5, PC340 LC/NLC, PC360LC-3, PC-380 LC
F208-70-14152 FK400 S	F208-70-14152 RE FK400 RC	208-70-14152 SYL	207-70-14152 VIP	208-70-K1340	208-70-K1490	208-70-14143	PC400, PC400LC-5, PC450, PC450LC
209-70-54720	F209-70-54720 RE FK750 RC	209-70-54720 SYL	209-70-54720 VIP	209-70-54730	-	* 209-70-74140	PC650, PC650LC-3, PC650SE, PC750, PC750SE
21N-72-14290	F21N-72-14290 RE FK1100 RC	21N-72-14290 SYL	21N-72-14290 VIP	-	-	21N-70-14140	PC-1000LC-1, PC1000SE-1, PC-1100SP, PC-1200
21T-72-74310	21T-72-74310 RE	21T-72-74310 SYL	-	-	-	21T-70-74160	PC-1600, PC-1600-1

Excavator Teeth: Standard



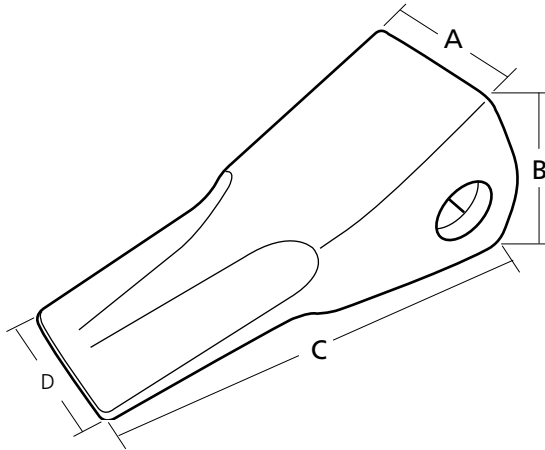
mm.										
A	B	C	D	KG						
95 3,74"	100 3,94"	222 8,74"	75 2,95"	4,40 9,70	205-70-19570	FK200 S	09244-02496	205-70-68141 205-939-7120	PC100, PC100L-5, PC120-5, PC130, PC200LC-5, PW210-1	
120 4,72"	114 4,49"	244 9,61"	92 3,62"	6,90 15,21	207-70-14151	FK300 S	09244-02516	207-70-14142 207-939-3120	PC220, PC220LC-5, PC240LC-NLC, PC280LC-3, PC290 LC/NLC, PC300, PC300LC-5, PC340 LC/NLC, PC360LC-3, PC-380 LC	
152 5,98"	121 4,76"	271 10,67"	110 4,33"	9,70 21,38	208-70-14152	FK400 S	09244-03036	208-70-14143	PC400, PC400LC-5, PC450, PC450LC	
181 7,13"	189 7,44"	349 13,74"	-	-	<i>209-70-54720</i>		209-70-54240	209-70-74140	PC650, PC650LC-3, PC650SE, PC750, PC750SE	
181 7,13"	244 9,61"	422 16,61"	-	-	<i>21N-72-14290</i>		21N-72-14330	21N-70-74140	PC-1000LC-1, PC1000SE-1, PC-1100SP, PC-1200	
-	-	-	-	-	<i>21T-72-74310</i>		21T-72-74320	21T-70-74160	PC-1600, PC-1600-1	

Excavator Teeth: Abrasion



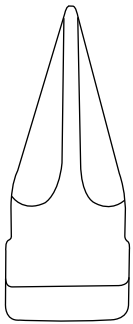
mm.										
A	B	C	D	KG						
97 3,82"	102 4,02"	278 10,94"	38 1,50"	6,00 13,23	205-70-19570 RE		09244-02496	205-70-68141 205-939-7120	PC100, PC100L-5, PC120-5, PC130, PC200LC-5, PW210-1	
122 4,80"	112 4,41"	291 11,46"	50 1,97"	8,50 18,74	207-70-14151 RE		09244-02516	207-70-14142 207-939-3120	PC220, PC220LC-5, PC240LC-NLC, PC280LC-3, PC290 LC/NLC, PC300, PC300LC-5, PC340 LC/ NLC, PC360LC-3, PC-380 LC	
-	-	-	-	-	<i>208-70-14152 RE</i>	FK400 RC	09244-03036	208-70-14143	PC400, PC400LC-5, PC450, PC450LC	
181 7,13"	198 7,80"	437 17,20"	65 2,56"	29,80 65,70	209-70-54720 RE	FK750 RC	209-70-54240	209-70-74140	PC650, PC650LC-3, PC650SE, PC750, PC750SE	
184 7,24"	253 9,96"	498 19,61"	70 2,76"	46,80 103,17	21N-72-14290 RE	FK1100 RC	21N-72- 14330	21N-70-74140	PC-1000LC-1, PC1000SE-1, PC-1100SP, PC-1200	
-	-	-	-	-	<i>21T-72-74310 RE</i>		21T-72-74320	21T-70-74160	PC-1600, PC-1600-1	

Excavator Teeth: SYL

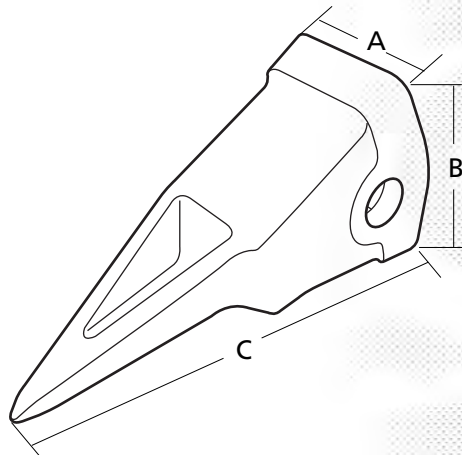


mm.				KG				
A	B	C	D					
95 3,74"	100 3,94"	225 8,86"	75 2,95"	3,80 8,38	205-70-19570 SYL	09244-02496	205-70-68141 205-939-7120	PC100, PC100L-5, PC120-5, PC130, PC200LC-5, PW210-1
120 4,72"	114 4,47"	246 9,69"	92 3,62"	6,00 13,23	207-70-14151 SYL	09244-02516	207-70-14142 207-939-3120	PC220, PC220LC-5, PC240LC-NLC, PC280LC-3, PC290 LC/NLC, PC300, PC300LC-5, PC340 LC/NLC, PC360LC-3, PC-380 LC
152 5,98"	121 4,76"	271 10,67"	110 4,33"	9,70 21,38	208-70-14152 SYL	09244-03036	208-70-14143	PC400, PC400LC-5, PC450, PC450LC
170 6,69"	180 7,09"	380 14,96"	140 5,51"	23,50 51,81	209-70-54720 SYL	209-70-54240	209-70-74140	PC650, PC650LC-3, PC650SE, PC750, PC750SE
-	-	-	-	-	21N-72-14290 SYL	21N-72-14330	21N-70-74140	PC-1000LC-1, PC1000SE-1, PC-1100SP, PC-1200
-	-	-	-	-	21T-72-74310 SYL	21T-72-74320	21T-70-74160	PC-1600, PC-1600-1

Excavator Teeth: VIP

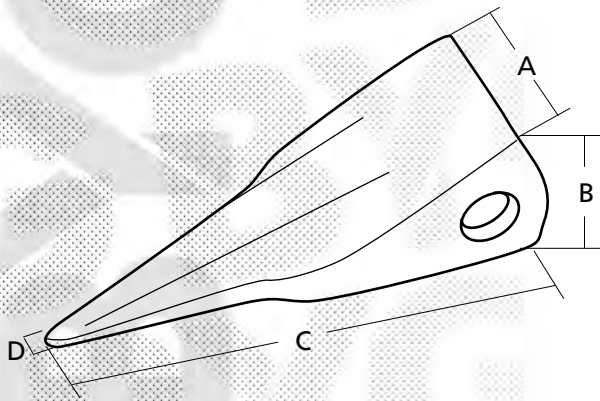


Back View



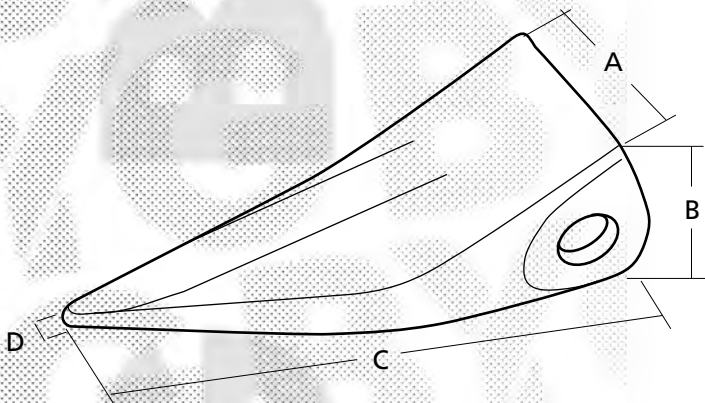
mm.			KG				
A	B	C					
-	-	-	-	205-70-19570 VIP	09244-02496	205-70-68141 205-939-7120	PC100, PC100L-5, PC120-5, PC130, PC200LC-5, PW210-1
-	-	-	-	207-70-14151 VIP	09244-02516	207-70-14142 207-939-3120	PC220, PC220LC-5, PC240LC-NLC, PC280LC-3, PC290 LC/NLC, PC300, PC300LC-5, PC340 LC/NLC, PC360LC-3, PC-380 LC
-	-	-	-	207-70-14152 VIP	09244-03036	208-70-14143	PC400, PC400LC-5, PC450, PC450LC
-	-	-	-	209-70-54720 VIP	209-70-54240	209-70-74140	PC650, PC650LC-3, PC650SE, PC750, PC750SE
185 7,28"	260 10,24"	516 20,31"	35,50 78,26	21N-72-14290 VIP	21N-72-14330	21N-70-74140	PC-1000LC-1, PC1000SE-1, PC-1100SP, PC-1200
-	-	-	-	-	21T-72-74320	21T-70-74160	PC-1600, PC-1600-1

Excavator Teeth: Long



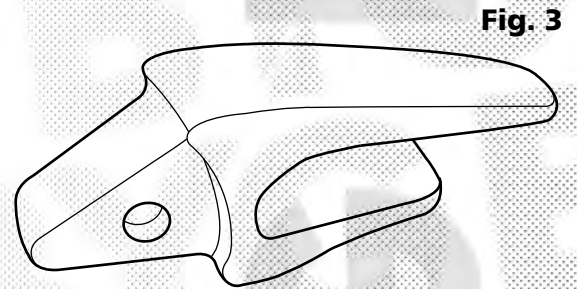
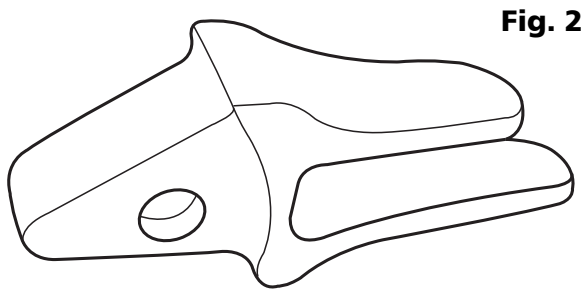
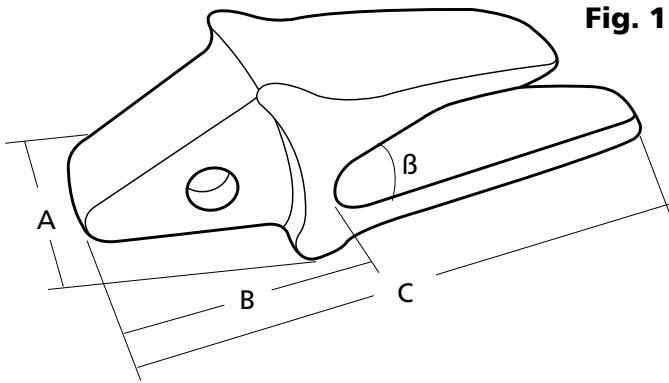
mm.				KG					
A	B	C	D						
98 3,86"	105 4,13"	263 10,35"	14 0,55"	-	20Y-70-K4060	20Y-70-K4150	09244-02496	205-70-68141 205-939-7120	PC100, PC100L-5, PC120-5, PC130, PC200LC-5, PW210-1
120 4,72"	114 4,49"	285 11,22"	16 0,63"	-	20Y-70-K4070	20Y-70-K4160	09244-02516	207-70-14142 207-939-3120	PC220, PC220LC-5, PC240LC-NLC, PC280LC-3, PC290 LC/NLC, PC300, PC300LC-5, PC340 LC/NLC PC360LC-3, PC-380 LC
151 5,94"	121 4,76"	320 12,60"	22 0,87"	-	208-70-K1340	208-70-K1490	09244-03036	208-70-14143	PC400, PC400LC-5, PC450, PC450LC
-	-	-	-	-	209-70-54730	-	209-70-54240	209-70-74140	PC650, PC650LC-3, PC650SE, PC750, PC750SE

Excavator Teeth: Corner



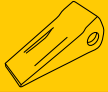
mm.				KG					
A	B	C	D						
104 4,09"	105 4,13"	266 10,47"	14 0,55"	-	20Y-70-K4150	20Y-70-K4060	09244-02496	205-70-68141 205-939-7120	PC100L-5, PC120-5, PC130, PC200LC-5, PW210-1
126 4,96"	114 4,49"	289 11,38"	16 0,63"	-	20Y-70-K4160	20Y-70-K4070	09244-02516	207-70-14142 207-939-3120	PC300, LC-5, PC360, LC-3
160 6,30"	121 4,76"	325 12,80"	22 0,87"	-	208-70-K1490	208-70-K1340	09244-03036	208-70-14143	PC400, LC-5



Excavator Adapter



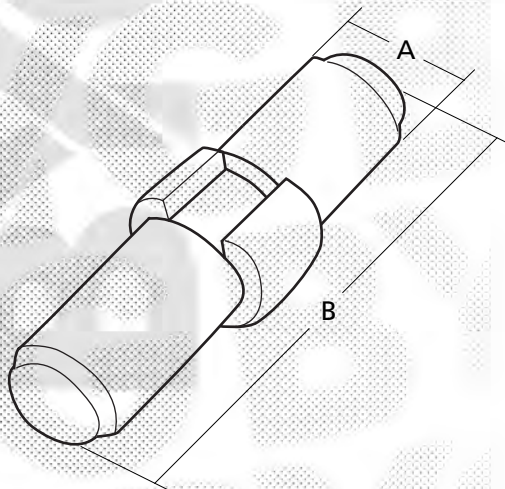
mm.						Fig.			Type			
A	B	C	B									
89,5 3,52"	122 4,80"	300 11,81"	23°	30 1,18"	32 1,26"	7,20 15,87	205-70-68141	1	09244-02496	205-70-19570 205-70-19570 RE 205-70-19570 SYL 205-70-19570 VIP 20Y-70-K4060 20Y-70-K4150	STD RE SYL VIP Point Corner	PC100, PC100L-5, PC120-5, PC130, PC200LC-5, PW210-1
						7,30 16,09	205-939-7120	2				
112,5 4,43"	136 5,35"	364 14,33"	24°	40 1,57"		14,60 32,19	207-70-14142	1	09244-02516	207-70-14151 207-70-14151 RE 207-70-14151 SYL 207-70-14151 VIP 20Y-70-K4070 20Y-70-K4160	STD RE SYL VIP Point Corner	PC220, PC220LC-5, PC240LC-NLC, PC280LC-3, PC290 LC/NLC, PC300, PC300LC-5, PC340 LC/NLC, PC360LC-3, PC-380 LC
						14,30 31,53	207-939-3120	2				
140 5,51"	160 6,30"	410 16,14"	30°	50 1,97"		21,57 47,55	208-70-14143	1	09244-03036	208-70-14152 208-70-14152 RE 208-70-14152 SYL 207-70-14152 VIP 208-70-K1340 208-70-K1490	STD RE SYL VIP Point Corner	PC400, PC400LC-5, PC450, PC450LC
170 6,69"	228 8,98"	565 22,24"	30°	80 3,15"		49,30 108,69	209-70-74140	3	209-70-54240	209-70-54720 209-70-54720 RE 209-70-54720 SYL 209-70-54720 VIP 209-70-54730	STD RE SYL VIP Point	PC650, PC650LC-3, PC650SE, PC750, PC750SE
176 6,93"	260 #####	700 27,56"	32°	86 3,39"		75,50 166,45	21N-70-14140	1	21N-72-14330	21N-72-14290 21N-72-14290 RE 21N-72-14290 SYL 21N-72-14290 VIP	STD RE SYL VIP	PC-1000LC-1, PC1000SE-1, PC-1100SP, PC-1200
-	-	-	-	-	-	-	21T-70-74160	-	21T-72-74320	21T-72-74320 21T-72-74320 RE 21T-72-74320 SYL	STD RE SYL	PC-1600 PC-1600-1



Equivalent OEM Part Numbers / Teeth and Adapters

Ref. Komatsu	Ref. BYG
	
209-70-54210	209-70-54720
205-70-68260	205-70-19570 RE
207-70-14280	207-70-14151 RE
208-70-14270	208-70-14152 RE
209-70-54710	209-70-54720 RE
21N-72-14410 21N-72-14420	21N-72-14290 RE
20Y-70-K4030	205-70-19570 SYL
207-70-K2530	207-70-14151 SYL
208-70-K1420 208-70-34440	208-70-14152 SYL
209-70-54720	209-70-54720 SYL
21N-72-14420	21N-72-14290 SYL

Straight blade	Blade with bevel
	
205-939-7120	205-70-68140
207-939-3120	207-70-14142
208-939-3120	208-70-14143
-	209-70-74140
-	21N-70-14140

Fasteners

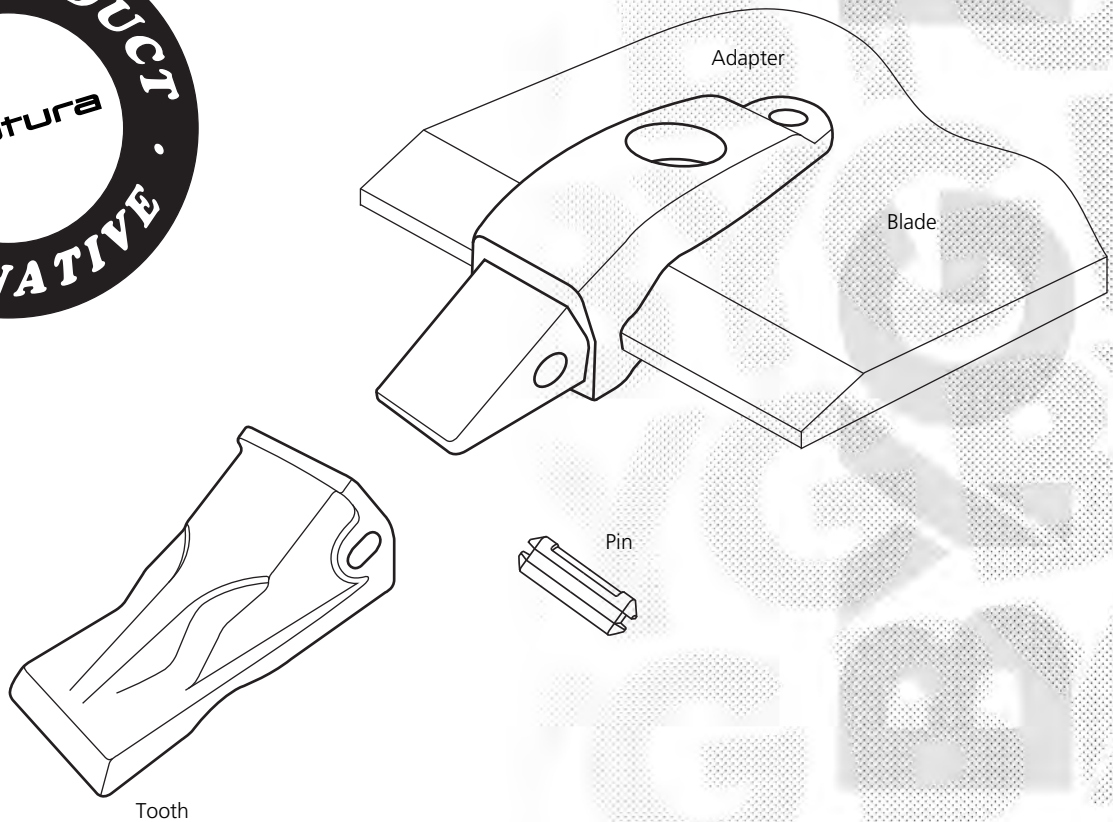


mm.		BYG Ref.	OEM	
A	B			
25 0,98"	97 3,82"	09244-02496	205-70-19610 205-70-69130	PC100, PC100L-5, PC120-5, PC130, PC200LC-5, PW210-1
25 0,98"	119 4,69"	09244-02516	175-78-21810	PC220, PC220LC-5, PC240LC-NLC, PC280LC-3, PC290 LC/NLC, PC300, PC300LC-5, PC340 LC/NLC PC360LC-3, PC-380 LC
25 0,98"	145 5,71"	09244-03036	198-79-11320 A09-78-11730 426-847-1130	PC400, PC400LC-5, PC450, PC450LC
36 1,42"	165 6,50"	209-70-54240		PC650, PC650LC-3, PC650SE, PC750, PC750SE
40 1,57"	165 6,50"	21N-72-14330	21N-70-00060	PC-1000LC-1 PC1000SE-1, PC-1100SP, PC-1200
50 1,97"	183 7,20"	21T-72-74320	-	PC-1600, PC-1600-1

DRP
Fiat

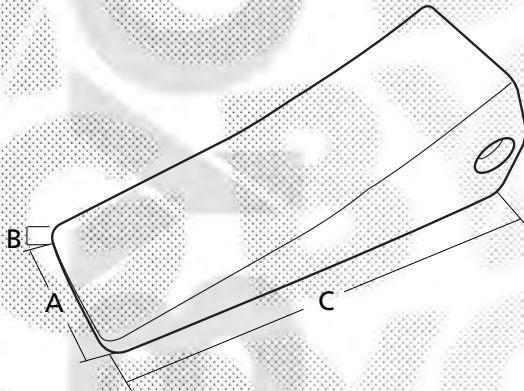
Side Pin Teeth

Bold ref. number, product available
Other ref. number please consult.



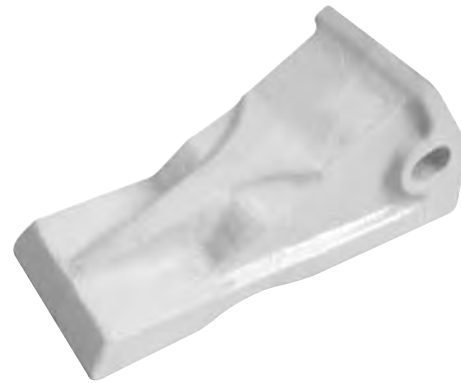
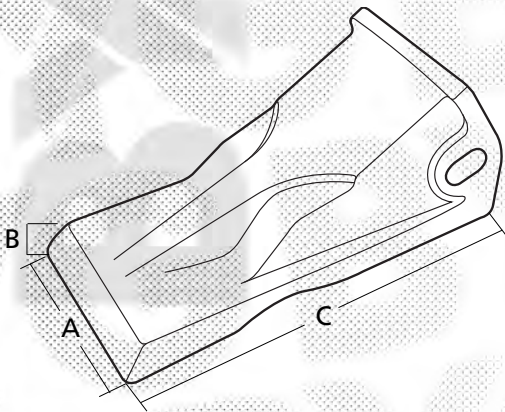
Monoblock	Light	Heavy	Adapter		
76020277	240-S 76026616 73070461 73062624	76026615 73020853 76028587	79084422	545B, 745B, FR14, FR15, FR160, 260, 261, 263, FL9, FL10, FL145	24
79089168 8290419			79069596		
8288589 76015653	252-S 76026620 73115404 70684378	76026619 79073814 76028588	79069599	745C, FR20, FR220, FL145B, C, FL12, FL14, FL175, 260, 261, 263	25
76015672	272-S 76079206 76026622	76026621 79070453 76028589	79069603	745C, FR20, FR220, FL14B, C, FL12, FL14, FL175, 260, 261, 263	27

Light Teeth



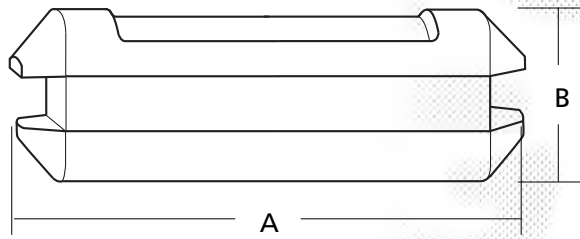
mm.			KG				
A	B	C					
56 2,20"	6 0,24"	183 7,20"	1,75 3,86	240-S 76026616 73070461 73062624	76028389	545B, 745B, FR14, FR15, FR160, 260, 261, 263, FL9, FL10, FL145	24
69 2,72"	3 0,12"	190 7,48"	2,17 4,78	252-S 76026620 73115404 70684378	79073815	745C, FR20, FR220, FL145B, C, FL12, FL14, FL175, 260, 261, 263	25
56 2,20"	6 0,24"	183 7,20"	3,13 6,90	272-S 76079206 76026622	76028388	745C, FR20, FR220, FL14B, C, FL12, FL14, FL175, 260, 261, 263	27

Heavy Teeth



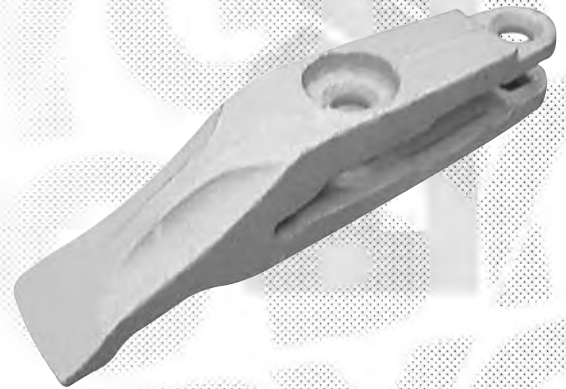
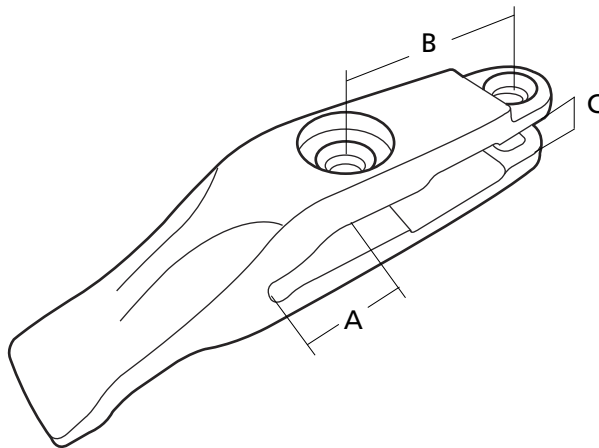
mm.			KG				
A	B	C					
79 3,11"	6 0,24"	165 6,50"	2,47 5,45	76026615 73020853 76028587	76028389	545B, 745B, FR14, FR15, FR160, 260, 261, 263, FL9, FL10, FL145	24
90 3,54"	8 0,31"	180 7,09"	3,60 7,94	76026619 79073814 76028588	79073815	745C, FR20, FR220, FL145B, C, FL12, FL14, FL175, 260, 261, 263	25
110 4,33"	10 0,39"	194 7,64"	4,90 10,80	76026621 79070453 76028589	76028388	745C, FR20, FR220, FL14B, C, FL12, FL14, FL175, 260, 261, 263	27

Pin



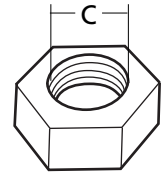
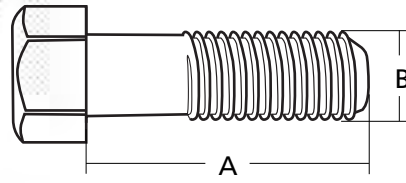
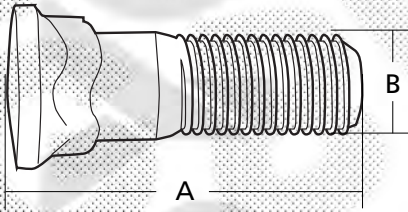
mm.				
A	B			
69 2,72"	22 0,87"	76028389	545B, 645B, FR70, FR90, W90, W110 FR100, FR130, FL7, 161	24
79 3,11"	22 0,87"	79073815	545B, 745B, FR14, FR15, FR160, 260, 261 263, FL9, FL10, FL145	25
97 3,82"	23 0,91"	76028388	745C, FR20, FR220, FL148, C, FL12, FL14, 260, 161, 263	27





Bolt-On Monoblock Teeth



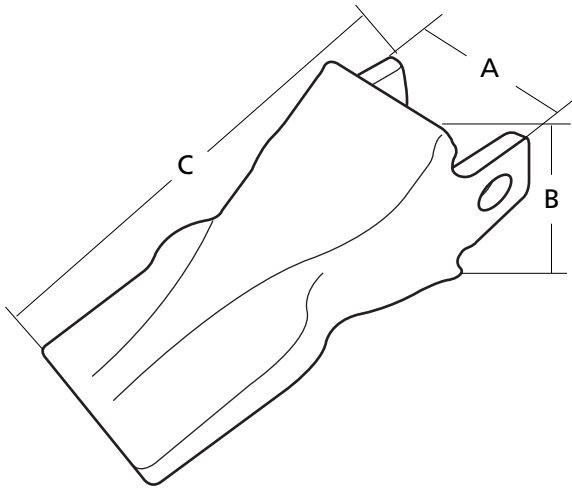
A	B	C	KG				
60 2,36"	65 2,56"	20 0,79"	3,00 6,61	8282253	S-0947	-	NP-117 FL4
65 2,56"	65 2,56"	16,5 0,65"	-	76020276	S-1366	-	NP-117 FL4
63 2,48"	110 4,33"	21 0,83"	3,78 8,33	76020277	-	PB-510	NP-158 FL7, FR7, FR9-C,
80 3,15"	132 5,20"	27 1,06"	-	08281314	S-1625	-	NP-158 FL6, FL9
73 2,87"	120 4,72"	26 1,02"	7,25 15,98	79089168	-	PB-328	NP-190 FR10, FR12, FR130
85 3,35"	120 4,72"	26 1,02"	7,80 17,20	8290419	S-4609	-	NP-190 FL10-B
90 3,54"	150 5,91"	32 1,26"	9,00 19,84	8280894	S-8537	-	NP-158 FL8, FL10, FL12, FL14
90 3,54"	145 5,71"	33 1,30"	9,60 21,16	8288589	S-4627	-	NP-222 FL14-B, FL14-C
83 3,27"	145 5,71"	32 1,26"	-	76015653	-	PB-740	NP-222 FR15, FR160
98 3,86"	150 5,91"	41 1,61"	-	76015672	-	PB-946	NP-100 FR20, FR220

Fasteners



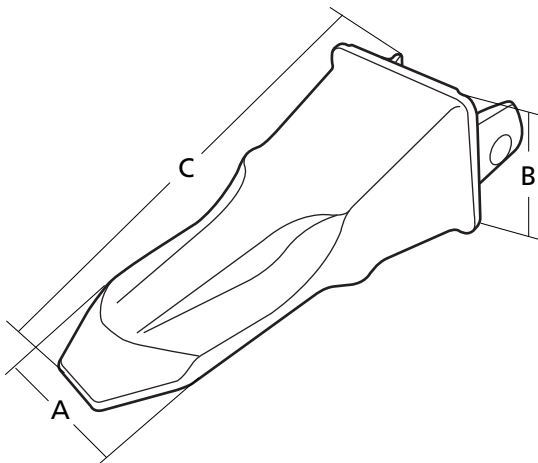
A	B	Thread	BYG		BYG		C	BYG	
			OEM	BYG	OEM	BYG		OEM	BYG
3"	3/4"	10			-	-	3/4"		
2-1/4"	5/8"	11	4F-0138	PB-328	-	-	3/4"	2J-3506	NP-190
2-1/4"	5/8"	11	3F-5108	PB-510	-	-	5/8"	4K-0367	NP-158
3-1/2"	7/8"	9	2J-2548	PB-740	-	-	7/8"	2J-3505	NP-222
4"	1"	8	8J-2928	PB-946	-	-	1"	2J-3507	NP-100
2-1/4"	1/2"	-	-	-	2B-0947	S-0947	1/2"	2J-3506	NP-117
2-1/2"	1/2"	-	-	-	9S-1366	S-1366			
2-1/2"	5/8"	-	-	-	0S-1625	S-1625	5/8"	4K-0367	NP-158
3"	3/4"	-	-	-	1D-4609	S-4609	3/4"	2J-3506	NP-190
2-3/4"	5/8"	-	-	-	1A-8537	S-8537	5/8"	4K-0367	NP-158

Teeth Old System



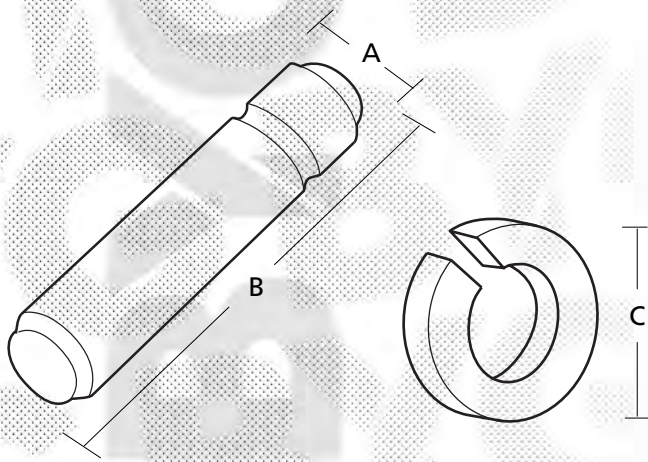
mm.												
A	B	C										
-	-	-	-	-	71407828	FF22 S	2MF-22P	2MF-21/22R	71407829	FH-120, EX-135, FH-200, EX-215	22	
-	-	-	-	-	71417992	FF24 S	2MF-24P	2MF-24R	71417993	FH-200, EX-215	24	
111 4,37"	116 4,57"	316 12,44"	40 1,57"	7,10 15,65	71421565	FF26 S	2MF-26P	2MF-26/28R	71421566	FH-220, EX-240, FH-270, FH-300, FH-330	26	
-	-	-	-	-	71432195	FF28 S	2MF-28P	2MF-26/28R	71432196	FH-400, EX-450	28	
-	-	-	-	-	-	FF32 S	2MF-32P	2MF-32R	-	-	32	




Teeth Modern System




mm.												
A	B	C										
81 3,19"	77 3,03"	221 8,70"	30 1,18"	2,80 6,17	71407828 RE	FF22 RC	2MF-22P	2MF-21/22R	71407829	FH-120, EX-135, FH-200, EX-215		
100 3,94"	95 3,74"	272 10,71"	35 1,38"	5,30 11,68	71417992 RE	FF24 RC	2MF-24P	2MF-24R	71417993	FH-200, EX-215		
116 4,57"	111 4,37"	316 12,44"	40 1,57"	8,60 18,96	71421565 RE	FF26 RC	2MF-26P	2MF-26/28R	71421566	FH-220, EX-240, FH-270, FH-300, FH-330		
-	-	-	45 1,77"	-	71432195 RE	FF28 RC	2MF-28P	2MF-26/28R	71432196	FH-400, EX-450		

Pin and Washer




A	B	C			
10 0,39"	85 3,35"	18 0,71"	2MF-22P	2MF-21/22R	22
14 0,55"	102 4,02"	27 1,06"	2MF-24P	2MF-24R	24
19 0,75"	122 4,80"	32 1,26"	2MF-26P	2MF-26/28R	26
19 0,75"	135 5,31"	32 1,26"	2MF-28P	2MF-26/28R	28

Cross References Between Brands: Teeth, Pins and Washers

Teeth Ref. BYG	Teeth Ref. Futura	Fiat Old Model	Fiat New Model	Esco	Feurst®	
71407828	FF22 S	71407828	71407828	022SL	22LTR	22
71417992	FF24 S	71417992	71419992	024SL	22LTR	24
71421565	FF26 S	71421565	71421565	026SL	22LTR	26
71432195	FF28 S	71432195	17432195	028SL	22LTR	28

Teeth Ref. BYG	Teeth Ref. Futura	Fixmet®	Esco	Feurst®	Fiat Old	Fiat Modern	
71407828 RE	FF22 RC	MF-22 E	022*	22*	71467241	71407828	22
71417992 RE	FF24 RC	MF-24 E	024*	24*	71465120	71419992	24
71421565 RE	FF26 RC	MF-26 E	026*	26*	71464186	71421565	26
71432195 RE	FF28 RC	MF-28 E	028*	28*	71468101	71432195	28

Pins Ref. BYG	Pins Ref. Fiat Old	Pins Ref. Fiat Modern	Esco	Feurst®	Fixmet®	
2MF-22P	71467242	71407832	022PN	22CL	2MF-22P	22
2MF-24P	71465124	71417996	024PN	24CL	2MF-22P	24
2MF-26P	71464190	71421569	026PN	26CL	2MF-22P	26
2MF-28P	71468105	71432199	028PN	28CL	2MF-22P	28

Washers Ref. BYG	Fiat Old	Fiat Moderns	Esco	Feurst®	Fixmet®	
2MF-21 / 22R	71467243	71407833	022LK	22RD	2MF-21 / 22R	22
2MF-24R	71465125	71417997	024LK	24RD	2MF-24R	24
2MF-26 / 28R	71464191	71421570	026-28LK	26RD	2MF-26 / 28R	26
2MF-26 / 28R	71464191	71432200	026-28LK	28RD	2MF-26 / 28R	28

* The reference numbers, identify the size and the letters, the design.

® All symbols, names and descriptions are only used for references purposes and it is not implied that any listed parts is the product of these manufacturers.

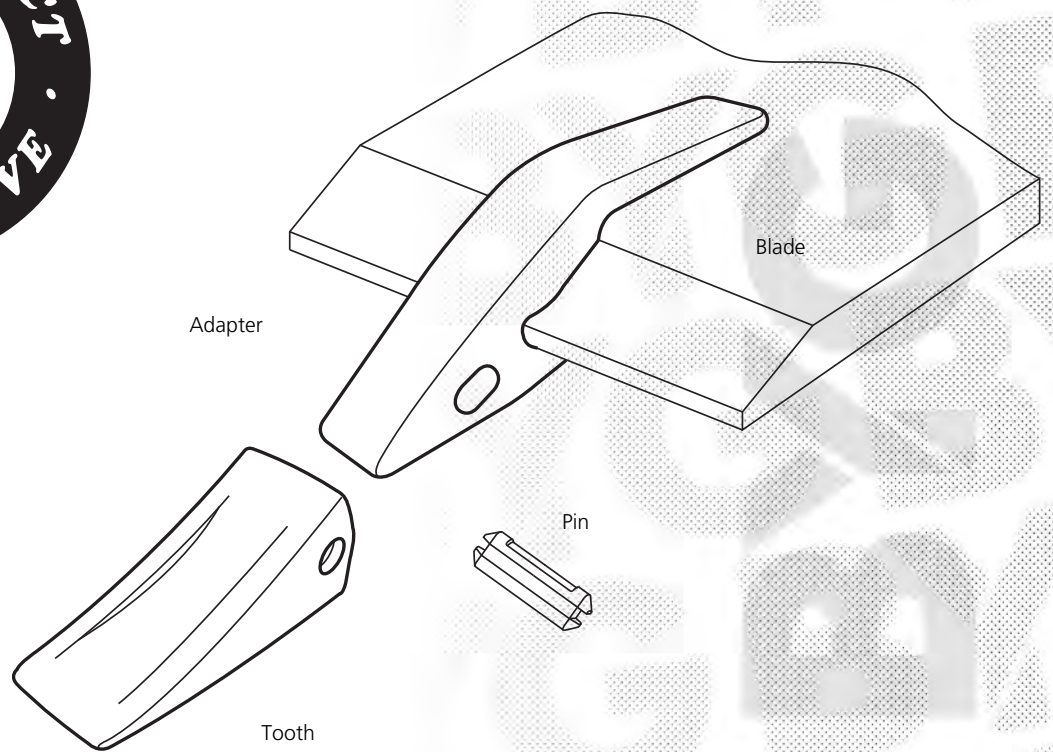
DRP
H&L

Bold ref. number, product available

Other ref. number please consult.

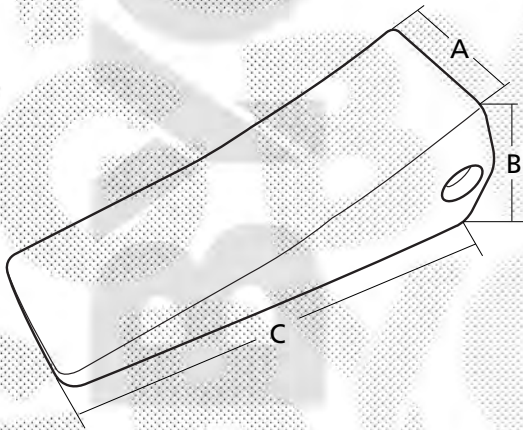


Side Pin Teeth and Adapters



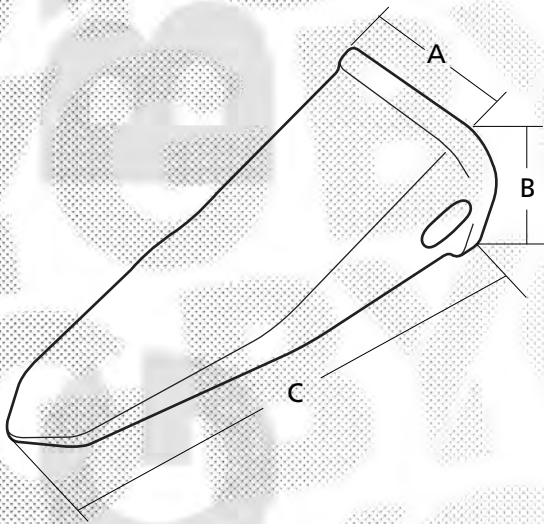
Light	Star	Standard	Tiger Long	Twin Tiger	Two Strap	Inverted Two Strap	
230-S	230-ST	23-HXL FH230 L	23-TL FH230 TL	23-WTL FH230 WTL	2740-23 FH230 R	834-23 FH230	23
240-S	-	24-HXL	23-TL	23-WTL	3000-24	2740-24	24
252-S	-	25-HXL	25-TL	25-WTL	3000-25	2740-25	25
272-S	-	-	-	-	-	-	27

Side Pin Teeth: Light



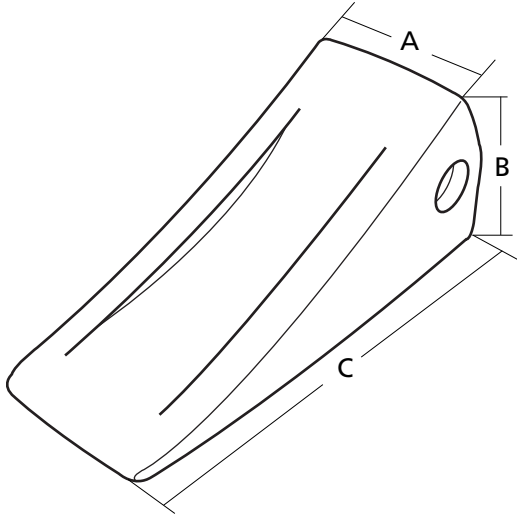
mm.								
A	B	C						
51 2,01"	56 2,20"	154 6,06"	1,20 2,65	230-S	23-PN	834-23	2740-23	23
56 2,20"	60 2,36"	183 7,20"	1,75 3,86	240-S	24-PN	3000-24	2740-24	24
69 2,72"	75 2,95"	190 7,48"	2,17 4,78	252-S	25-PN	3000-25	2740-25	25
95 3,74"	90 3,54"	193 7,60"	3,13 6,90	272-S	27-PN	3000-27	2740-27	27

Side Pin Teeth: Star



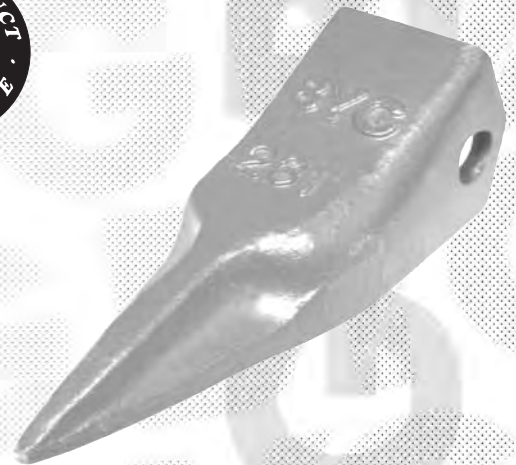
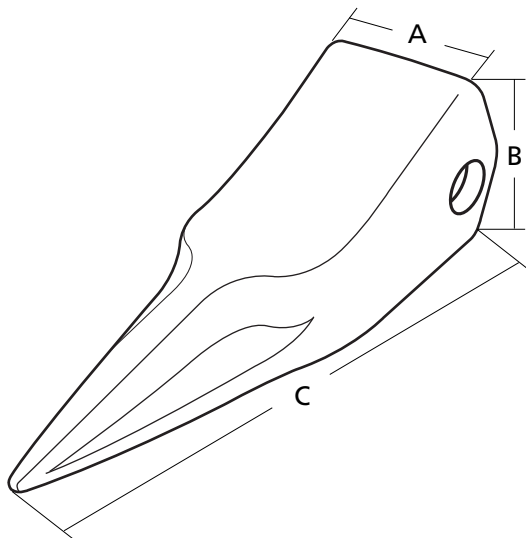
mm.								
A	B	C						
57 2,24"	59 2,32"	152 5,98"	1,10 2,43	230-ST	23-PN	834-23	2740-23	23

Side Pin Teeth: Standard



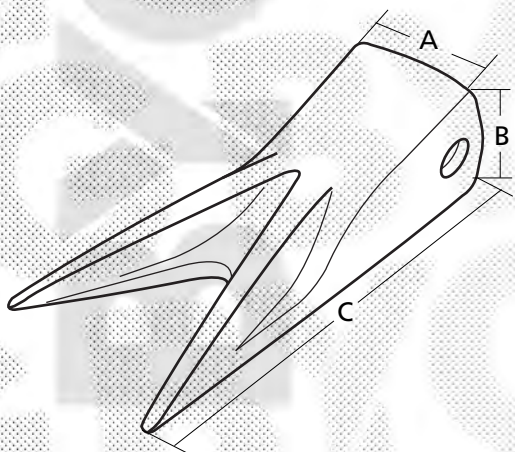
mm.			KG						
A	B	C							
54 2,13"	63 2,48"	142 5,59"	1,22 2,69	23-HXL	FH230 L	23-PN	834-23	2740-23	23
-	-	-	-	24-HXL		24-PN	3000-24	2740-24	24
-	-	-	-	25-HXL		25-PN	3000-25	2740-25	25

Side Pin Teeth: Tiger Long



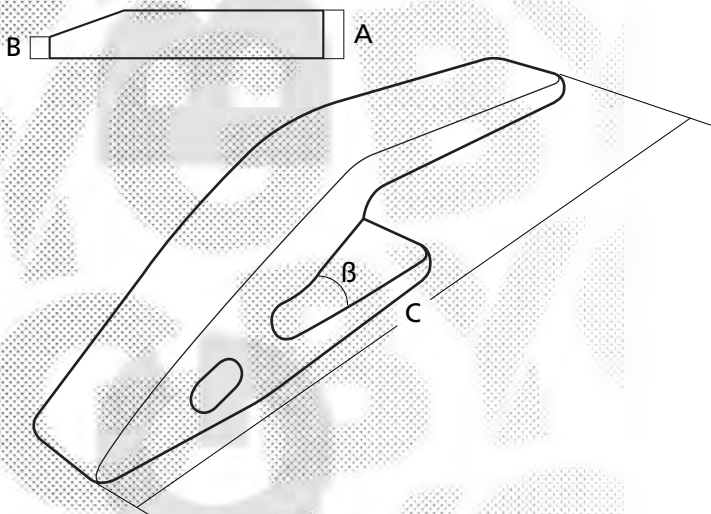
mm.			KG						
A	B	C							
54 2,13"	63 2,48"	142 5,59"	0,98 2,15	23-TL	FH230 TL	23-PN	834-23	2740-23	23
-	-	-	-	24-TL		24-PN	3000-24	2740-24	24
-	-	-	-	25-TL		25-PN	3000-25	2740-25	25

Side Pin Teeth: Twin Tiger



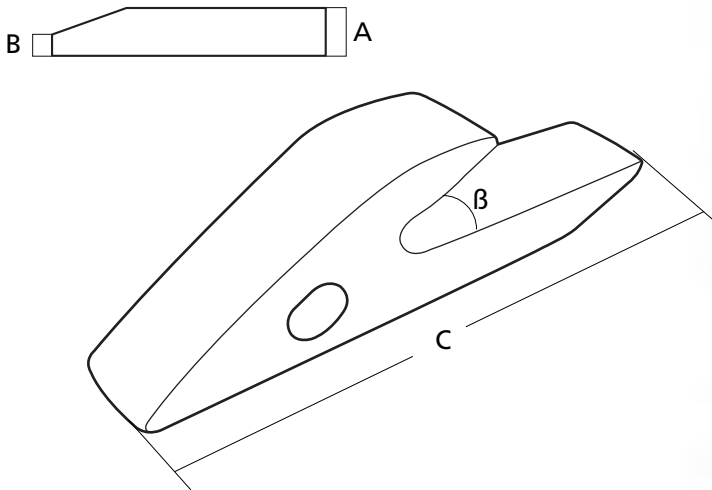
mm.									
A	B	C							
54 2,13"	63 2,48"	142 5,59"	1,15 2,54	23-WTL	FH230 WTL	23-PN	834-24	2740-23	23
-	-	-	-	24-WTL		24-PN	3000-24	2740-24	24
-	-	-	-	24-WTL		25-PN	3000-25	2740-25	25

Excavator Adapter



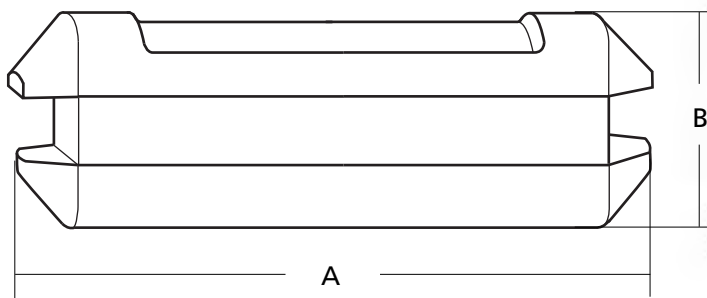
mm.															
A	B	C	B												
16 0,63"	6 0,24"														
19 0,75"	6 0,24"	193 7,60"	23°	1,70 3,75	2740-23	FH2130 R	23-PN	230-S	230-ST	23-HXL	23-TL	23-WTL	23		
22 0,87"	8 0,31"														
25 0,98"	10 0,39"														

Excavator Adapter



mm.														
A	B	C	B											
16 0,63"	6 0,24"				834-23	FH 230	23-PN	230-S	230-ST	23-HXL	23-TL	23		
19 0,75"	6 0,24"	194 7,64"	23°	1,70 3,75										
22 0,87"	8 0,31"													
25 0,98"	10 0,39"													

H&L Pin



mm.			
A	B		
54 2,13"	19 0,75"	23-PN	23
69 2,72"	22,5 0,89"	24-PN	24
70 2,76"	22,5 0,89"	25-PN	25
96 3,78"	22,5 0,89"	27-PN	27

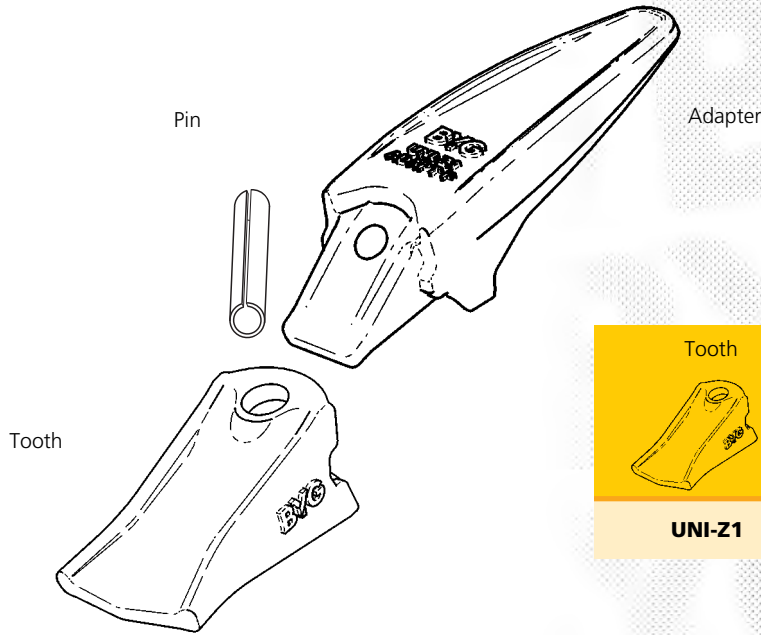
Equivalent OEM Part Numbers

Coronas	Esco Helilok	Esco VIP	Fiat	Pengo	Hensley	H&L	Ref. BYG
-	-	-	-	2300	230-HX	155 / 175	230-S
-	19	18	76026619	2400	X-156 X-160 X-162	175	240-S
2510	21	25	76026620	2500	X-220 X-225 251-HX	195	252-S

DRP
Uni-Z

Bold ref. number, product available
Other ref. number please consult.

Teeth and Adapter Vertical System



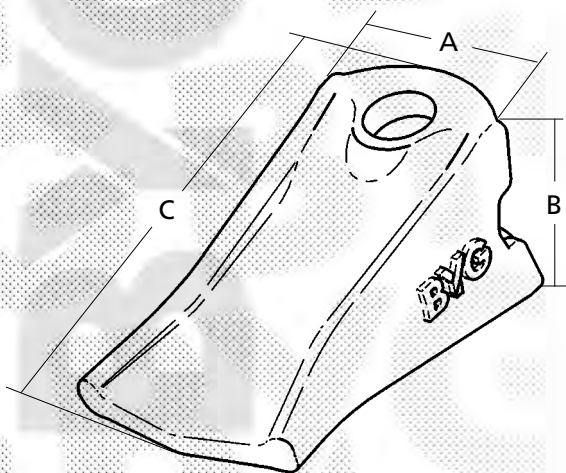
TOOTH	ADAPTER	
UNI-Z1	UNI-Z1 ADAPT F	I

Teeth and Adapter Side Pin Teeth



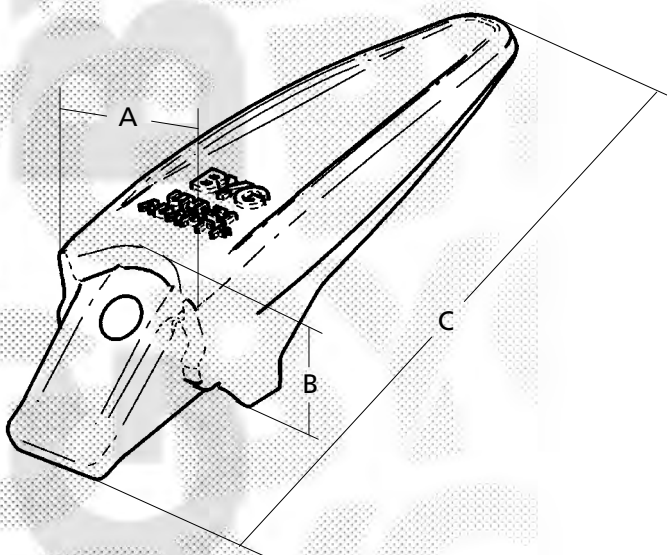
TOOTH	ADAPTER	
4317-1460	4317-1480	I

Tooth



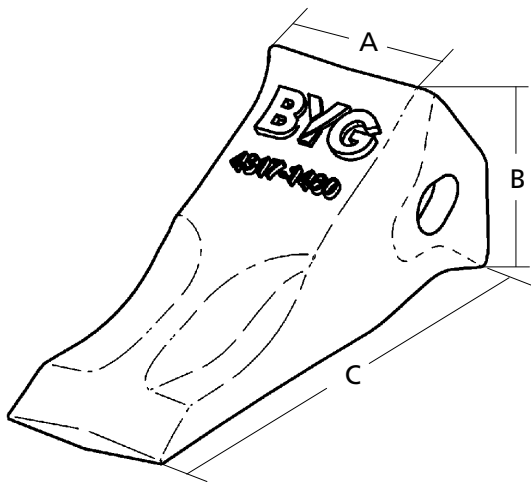
mm.							
A	B	C					
58 2,28"	52 2,05"	124 4,88"	1,05 2,31	UNI-Z1	UNI-Z1 ADAPT F	PIN-TYPE1	I

Adapter



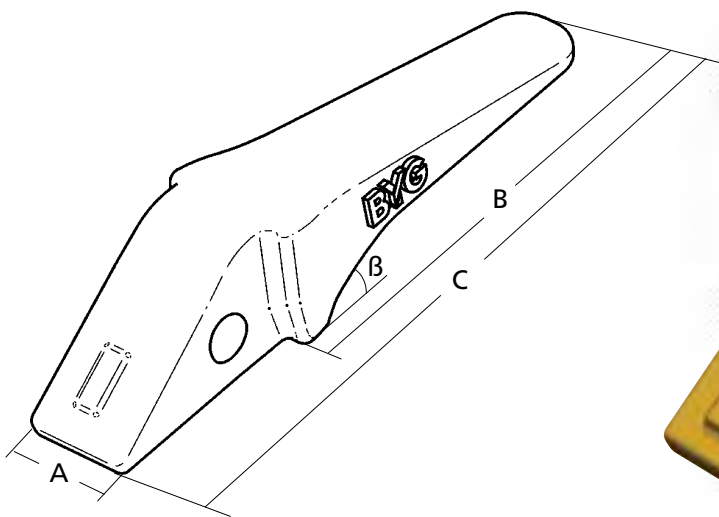
mm.							
A	B	C					
61 2,40"	55 2,17"	216 8,50"	1,61 3,55	UNI-Z1 ADAPT F	UNI-Z1	PIN-TYPE1	I

Tooth



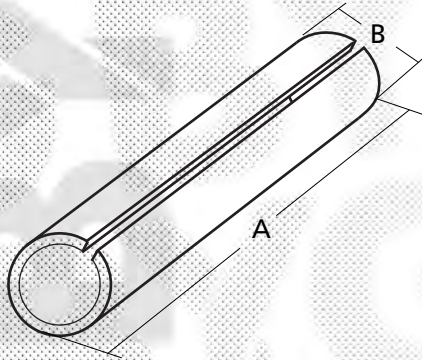
mm.							
A	B	C					
56 2,20"	99 3,90"	144 5,67"	1,10 2,43	4317-1460	4317-1480	PIN-TYPE1	I


Adapter



mm.							
A	B	C					
36 1,42"	120 4,72"	200 7,87"	22° 1,52 3,36	4317-1480	4317-1460	PIN-TYPE1	I

Pin



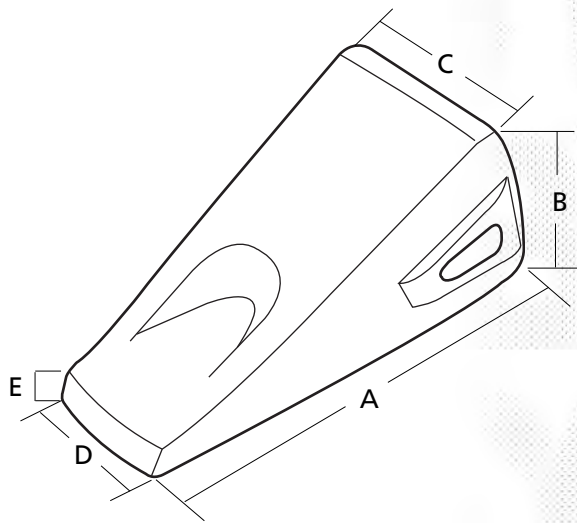
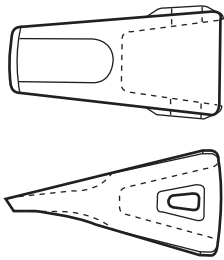
mm.		
A	B	
50 1,97"	14,5 0,57"	PIN-TYPE1

DRP O&K

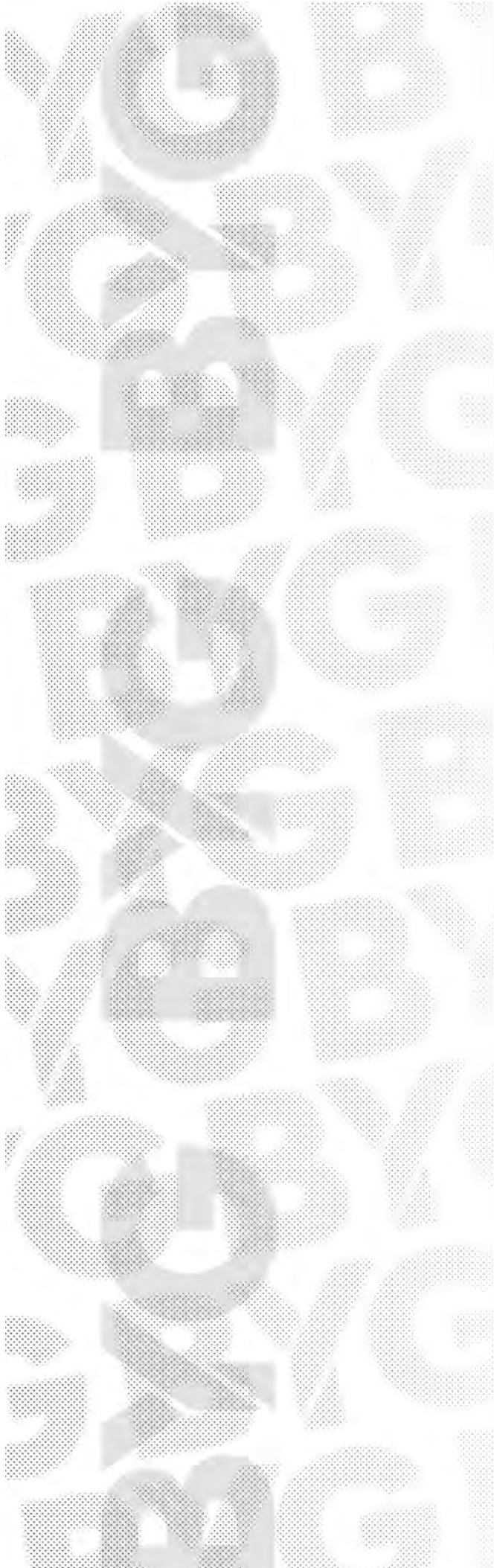
**Bold ref. number,
product available**
*Other ref. number
please consult.*

Teeth

O&K Teeth



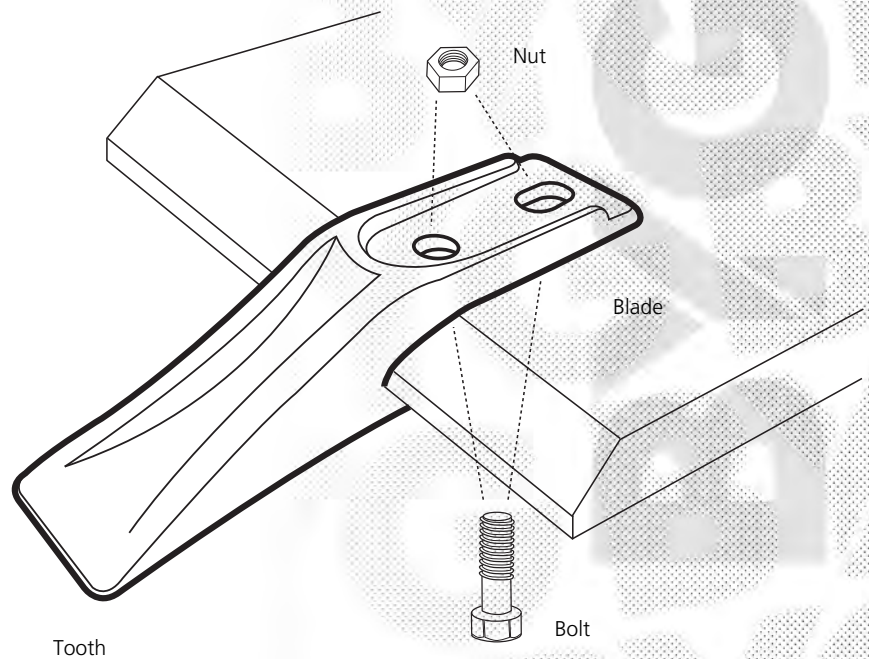
mm.							
A	B	C	D	E			
290 11,42"	140 5,51"	170 6,69"	100 3,94"	25 0,98"	17,64 38,89	1752193	RH30
356 14,02"	183 7,20"	205 8,07"	117 4,61"	27 1,06"	28,90 63,71	1752182	RH40
441 17,36"	214 8,43"	241 9,49"	138 5,43"	27 1,06"	43,50 95,90	937759	RH75C
490 19,29"	250 9,84"	245 9,65"	160 6,30"	35 1,38"	67,45 148,70	1752860	RH90
476 18,74"	270 10,63"	279 10,98"	191 7,52"	30 1,18"	82,55 181,99	1533708	RH120C




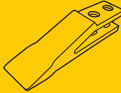





DRP
**Mini
 Excavator**

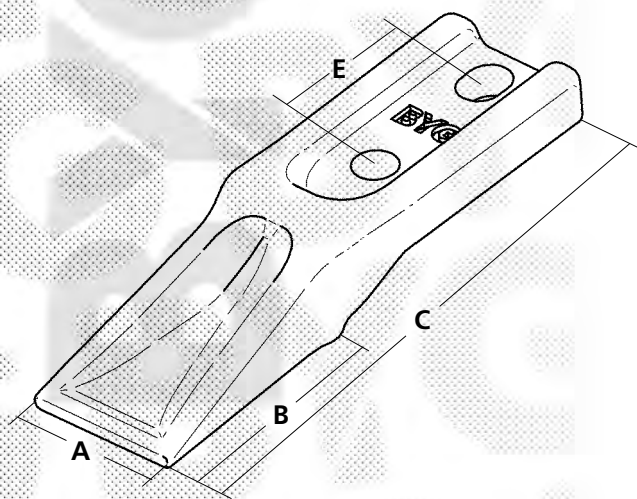
Teeth

Bold ref. number, product available
 Other ref. number please consult.
 **Futura Alternative**



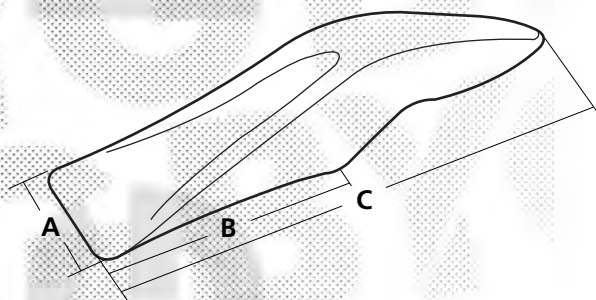
					
MINI-01	MINI-00	 17-7	-	-	16
MINI-02	-	-	-	-	20
MINI-03	-	-	HM-054B	-	20-22
-	-	-	-	1462201M1	26

Bolt-On Mini Excavator Teeth



mm.									
A	B	C	D	E					
54 2,13"	86 3,39"	192 7,56"	13 0,51"	40 - 45 1,57" - 1,77"	16 0,63"	1,16 2,56	MINI-01*	PB-202	NP-117
61 2,40"	97 3,82"	224 8,82"	16 0,63"	55 - 60 2,17" - 2,36"	16 0,63"	1,60 3,53	MINI-02*	PB-202	NP-117
56 2,20"	95 3,74"	241 9,49"	18 0,71"	84 3,31"	20 0,79"	NA! NA!	MINI-03	PB-502	NP-158

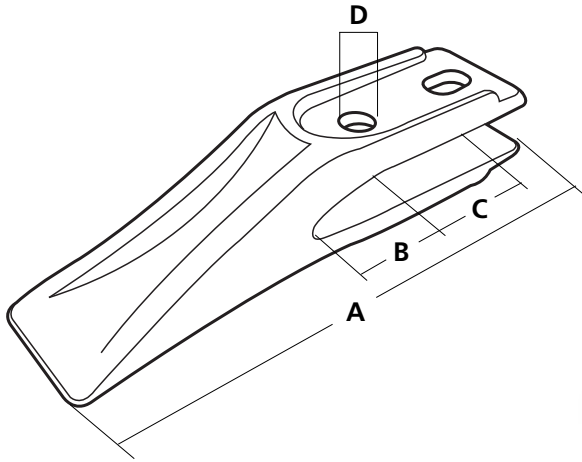
Weld-On Mini Excavator Teeth



mm.						
A	B	C				
50 1,97"	85 3,35"	180 7,09"	16 0,63"	1,00 2,20	MINI-00	

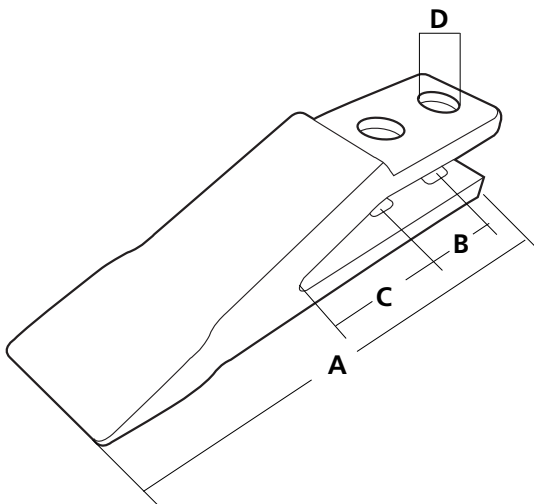
* Can be used for edges with different distances between the holes depending on the ref. N°

Bolt-On Mini Excavator Teeth



mm.									
A	B	C	D						
190 7,48"	30 1,18"	40 - 45 1,57" - 1,77"	13 0,51"	16 0,63"	1,40 3,09	17-7	F17-7	M-12040	TM-012

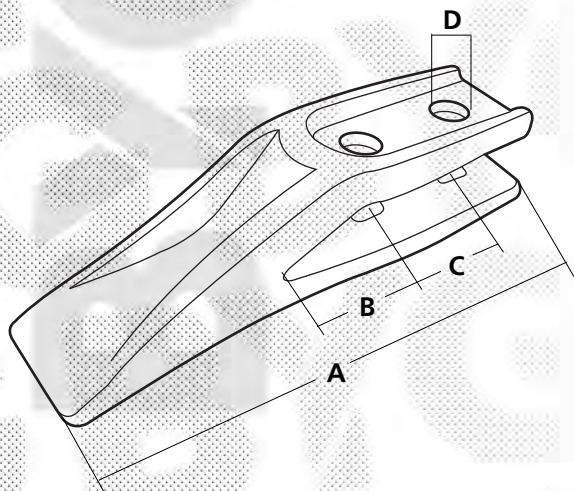
Bolt-On Mini Excavator Teeth



mm.								
A	B	C	D					
228 8,98"	41 1,61"	62 2,44"	17 0,67"	20 - 22 0,79" - 0,87"	1,45 3,20	HM-054B	PB-512	NP-158

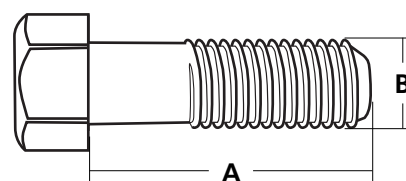
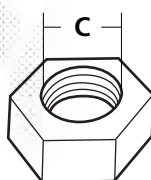
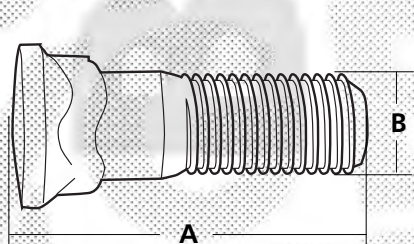


Bolt-On Mini Excavator Teeth



mm.								
A	B	C	D					
240 9,45"	64 2,52"	53 2,09"	17 0,67"	26 1,02"	2,61 5,75	1462201M1	PB-512	NP-158

Fasteners



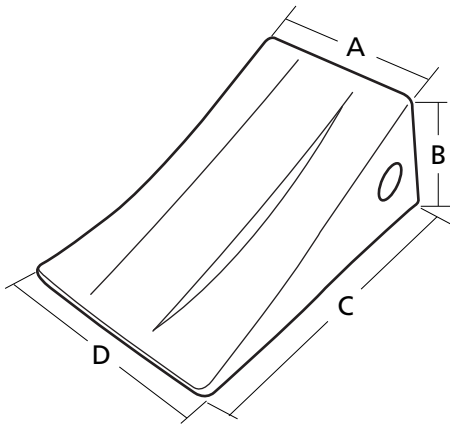
mm.		Thread		OEM	BYG ref.	OEM	BYG ref.	C	OEM	BYG ref.
A	B									
1-3/4"	1/2"	13	UNC-13	-	-	4F-3648	PB-202	1/2"	1F-7958	NP-117
1-3/4"	5/8"	11	UNC-11	-	-	4F-3653	PB-502	5/8"	4K-0367	NP-158
2-1/2"	5/8"	11	UNC-11	-	-	4F-3658	PB-512	5/8"	4K-0367	NP-158
40	12	-	1.75	6V-8197	M-12040	-	-	M-12	6V-8149	TM-012

John Deere^{DRP}

Bold ref. number, product available
 Other ref. number please consult.

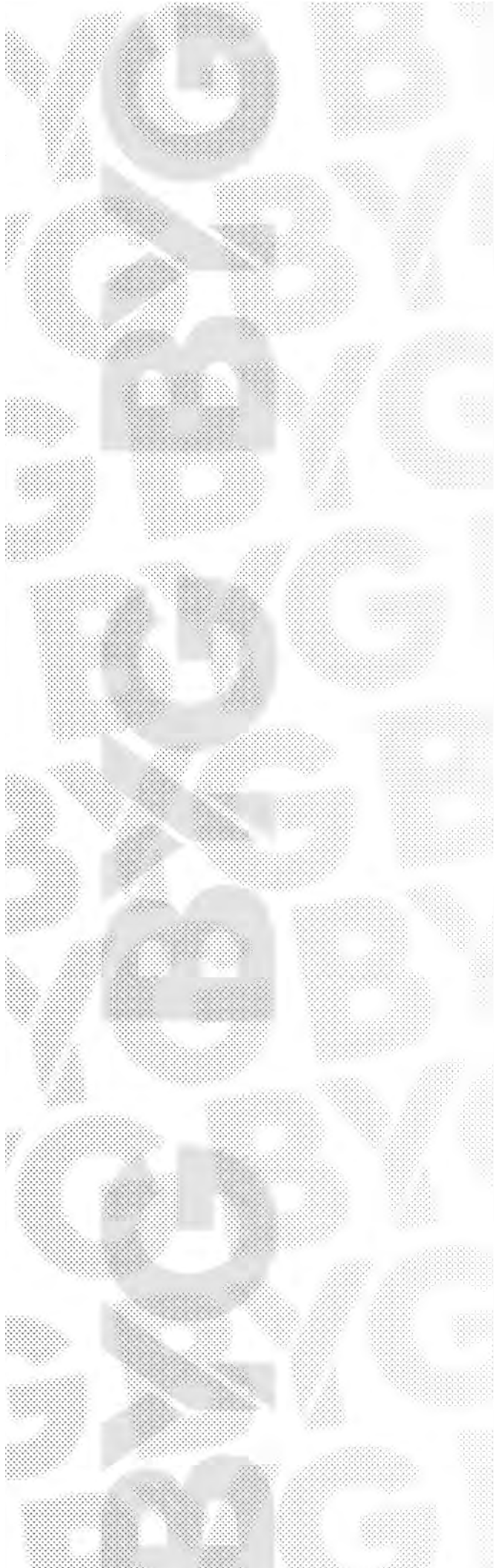
Teeth

John Deere Teeth



mm.									
A	B	C	D						
75 2,95"	60 2,36"	140 5,51"	95 3,74"	2,10 4,63	U-16086	U-16864	T-35385	T-25101	JD-450, JD-644A JD-644B

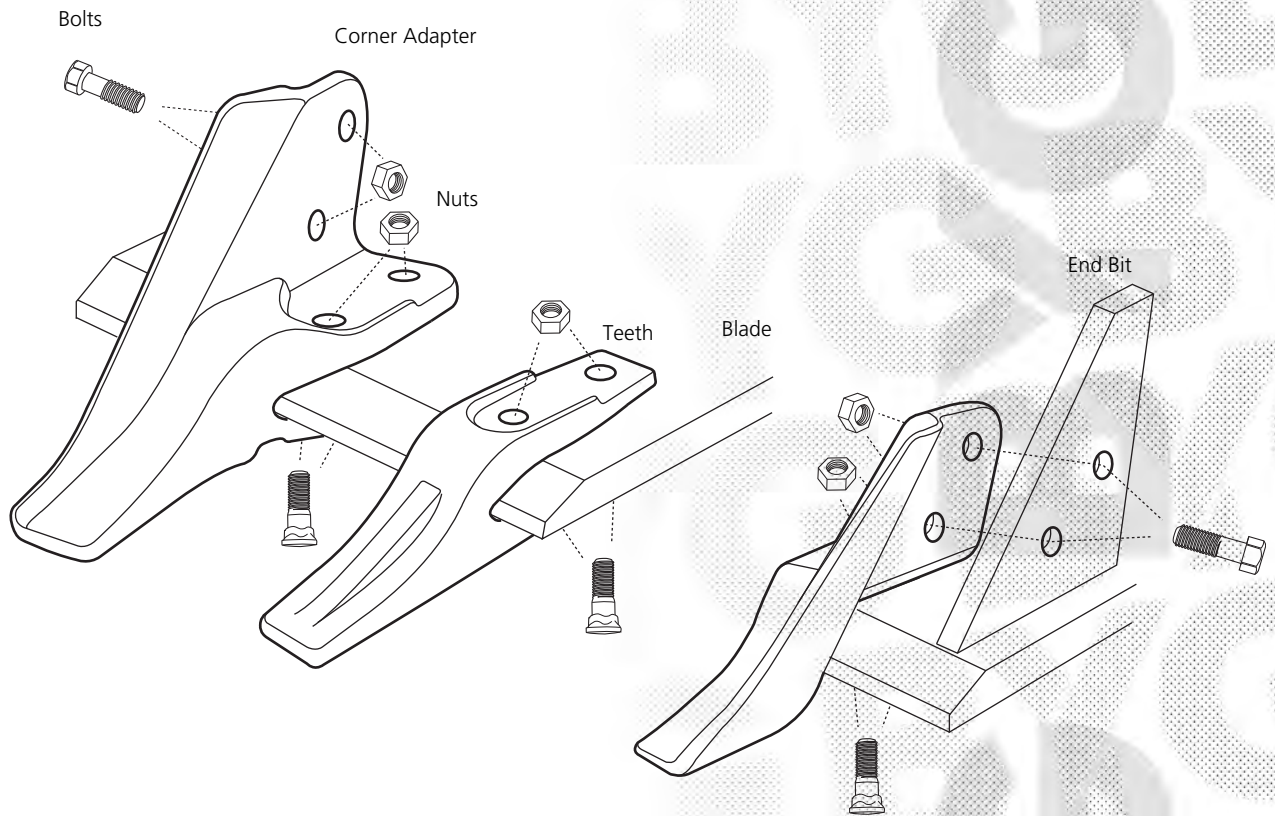







Bold ref. number, product available
Other ref. number please consult.

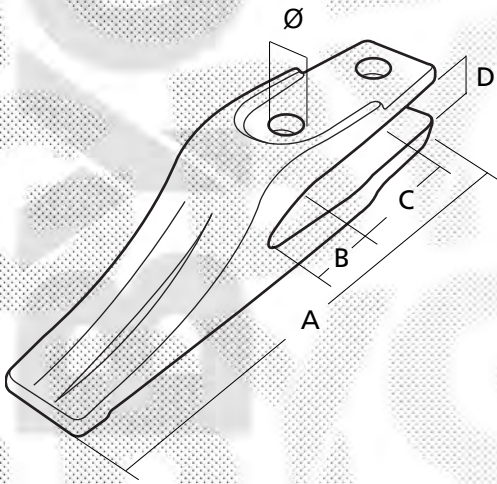
DRP Fai Komatsu (FMK)

Teeth



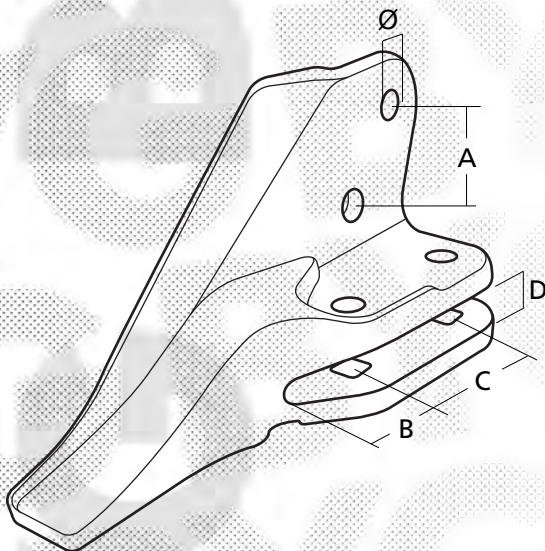
<p>Teeth</p> 	<p>Corner Adapter</p> 	
<p>312204054</p>	<p>312204053</p>	<p>312204052</p> <p>SYNTH-TER 90-P6, SYNTH-ESIS 555-692-698 SYNTH-LOAD 555-556-692-698</p>

Fai Komatsu (FMK) Tooth



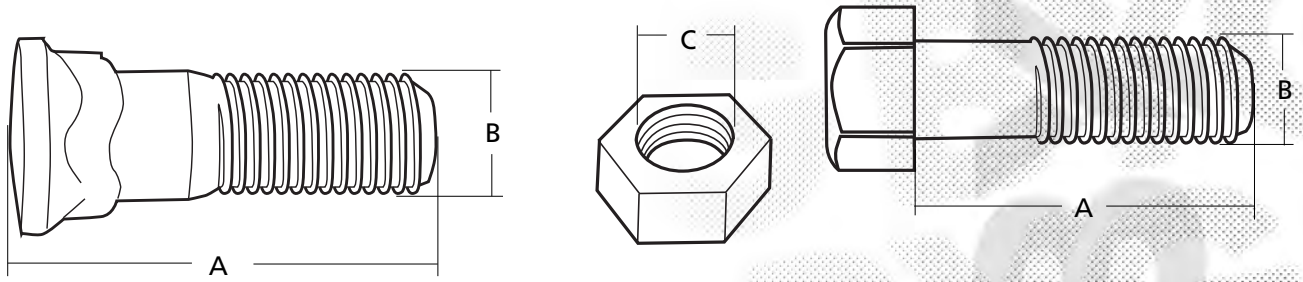
mm.														
A	B	C	D	Ø										
280	65	80	23	17	20	4,00	312204054	PB-514	NP-158	312204053	312204052	SYNTH-TER 90-P6, SYNTH-ESIS 555-692-698 SYNTH-LOAD 555-556-692-698		
11,02"	2,56"	3,15"	0,91"	0,67"	0,79"	8,82								




Fai Komatsu (FMK) Corner Adapter



mm.															
A	B	C	D	Ø											
63	65	80	23	17	20	6,7	312204053 312204052	S-1589	NP-158	PB-510	NP-158	312204054	SYNTH-TER 90-P6, SYNTH-ESIS, 555-692-698 SYNTH-LOAD, 555-556-692-698		
2,48"	2,56"	3,15"	0,91"	0,67"	0,79"	14,77									

Fasteners

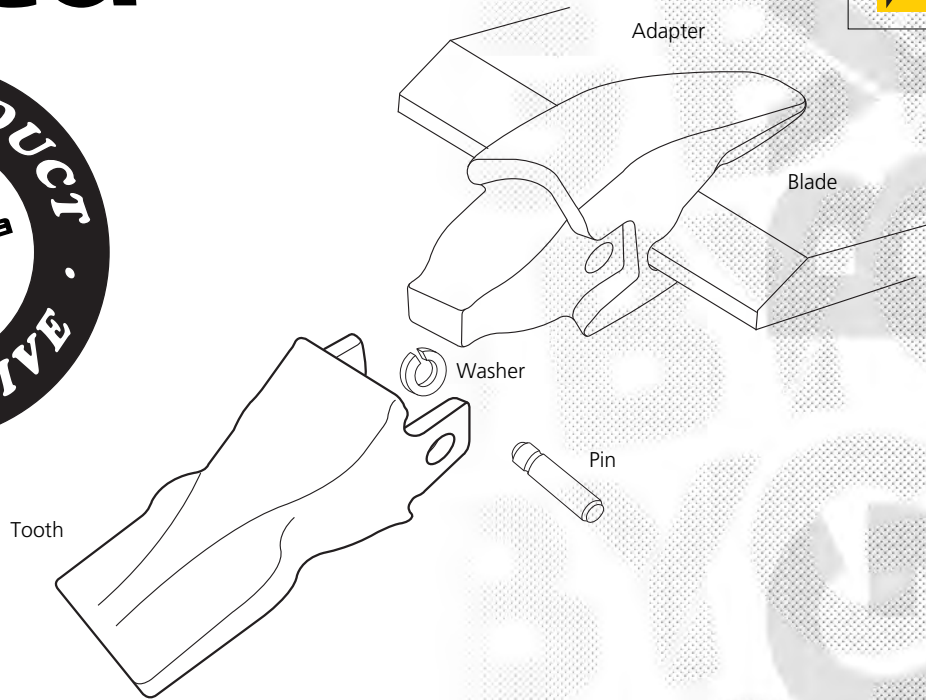


mm.			Threads	Original	BYG ref.	Original	BYG ref.	Original	BYG ref.
A	B	C							
1-3/4"	5/8"	5/8"	18	S-1589	5B-0841	-	-	NP-158	4K-0367
2-1/4"	5/8"	5/8"	11	-	-	PB-510	3F-5108		

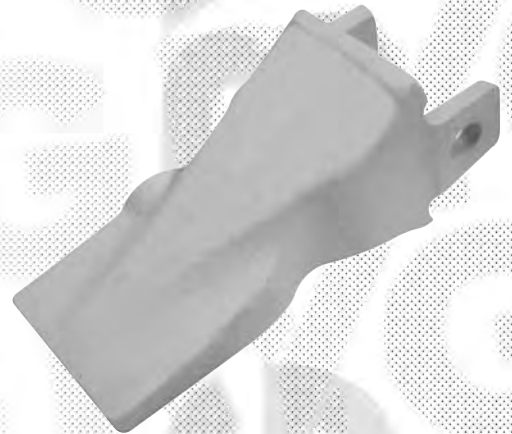
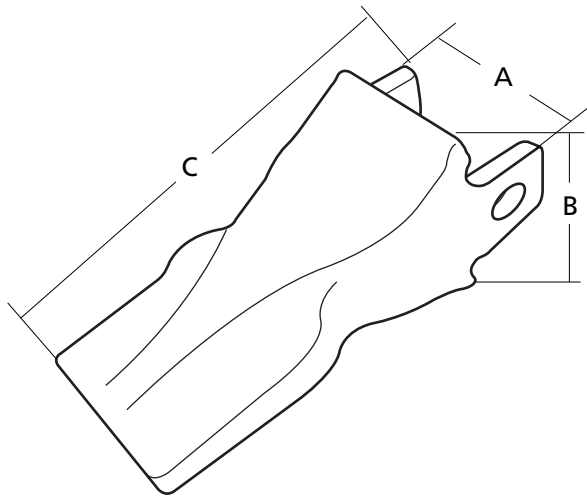












DRP Orca

Bold ref. number, product available
 Other ref. number please consult.

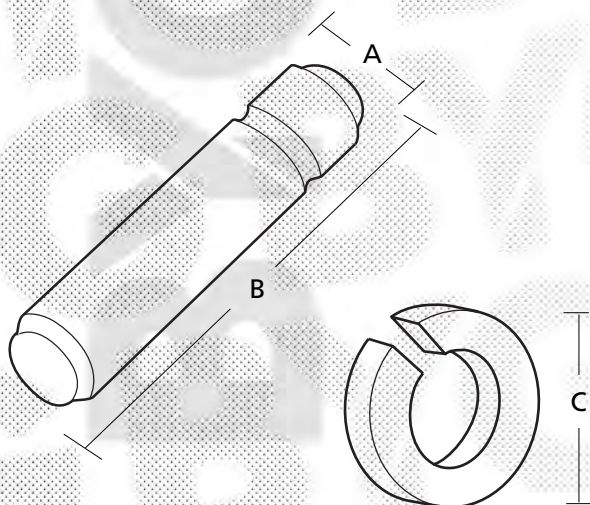






Orca Teeth




mm.												
A	B	C										
-	-	-	-	71407828 22TLR	FF22 S	2MF-22P	2MF-21/22R	71407829	FH-120, EX-135, FH-200, EX-215		22	
-	-	-	-	71417992 24TLR	FF24 S	2MF-24P	2MF-24R	71417993	FH-200, EX-215		24	
116 4,57"	111 4,37"	316 12,44"	40 1,57"	7,10 15,65	71421565 26TLR	FF26 S	2MF-26P	2MF-26/28R	71421566	FH-220, EX-240, FH-270, FH-300, FH-330		26
-	-	-	-	-	71432195 28TLR	FF28 S	2MF-28P	2MF-26/28R	71432196	FH-400, EX-450		28
-	-	-	-	-	-	FF32 S	2MF-32P	2MF-32R	-	-		32


Pin and Washer




A	B	C			
10 0,39"	85 3,35"	18 0,71"	2MF-22P	2MF-21/22R	22
14 0,55"	102 4,02"	27 1,06"	2MF-24P	2MF-24R	24
19 0,75"	122 4,80"	32 1,26"	2MF-26P	2MF-26/28R	26
19 0,75"	135 5,31"	32 1,26"	2MF-28P	2MF-26/28R	28

Cross References Between Brands: Teeth, Pins and Washers

Teeth Ref. BYG	Orca Futura	Fiat Old Model	Fiat Futura	Esco	Feurst®	
71407828	22 TLR	71407828	FF22 S	022SL	22LTR	22
71417992	24 TLR	71417992	FF24 S	024SL	22LTR	24
71421565	26 TLR	71421565	FF26 S	026SL	22LTR	26
71432195	28 TLR	71432195	FF28 S	028SL	22LTR	28
-	-	-	FF32 S	-	-	32

Pins Ref. BYG	Pins Ref. Fiat Old	Pins Ref. Fiat Modern	Esco	Feurst®	Fixmet®	
2MF-22P	71467242	71407832	022PN	22CL	2MF-22P	22
2MF-24P	71465124	71417996	024PN	24CL	2MF-24P	24
2MF-26P	71464190	71421569	026PN	26CL	2MF-26P	26
2MF-28P	71468105	71432199	028PN	28CL	2MF-28P	28

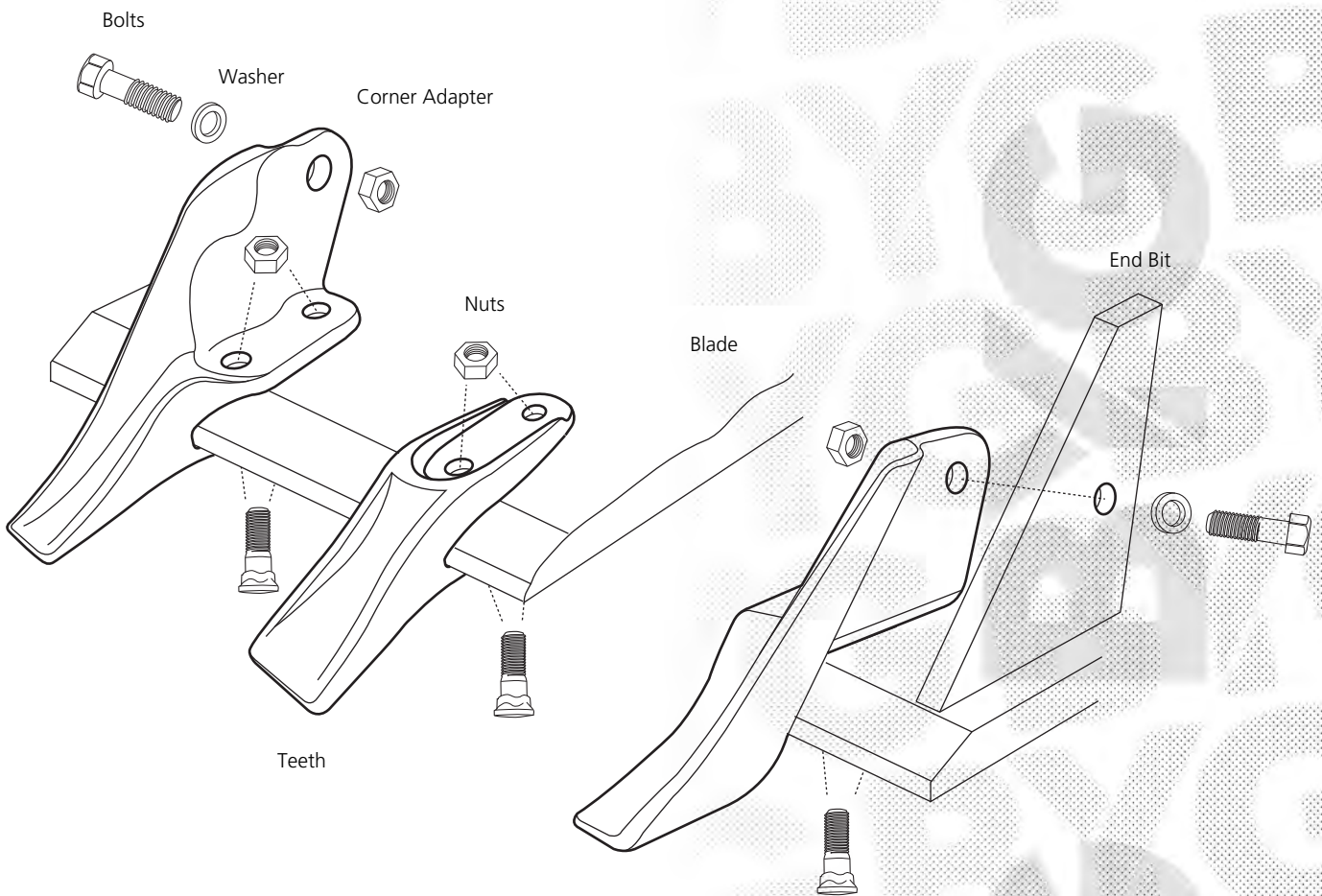
Washers Ref. BYG	Fiat Old	Fiat Moderns	Esco	Feurst®	Fixmet®	
2MF-21/22R	71467243	71407833	022LK	22RD	2MF-21/22R	22
2MF-24R	71465125	71417997	024LK	24RD	2MF-24R	24
2MF-26/28R	71464191	71421570	026-28LK	26RD	2MF-26/28R	26
2MF-26/28R	71464191	71432200	026-28LK	28RD	2MF-26/28R	28

® All symbols, names and descriptions are only used for references purposes and it is not implied that any listed parts is the product of these manufacturers

DRP
**Fiats New Holland
 Fiats Hitachi**

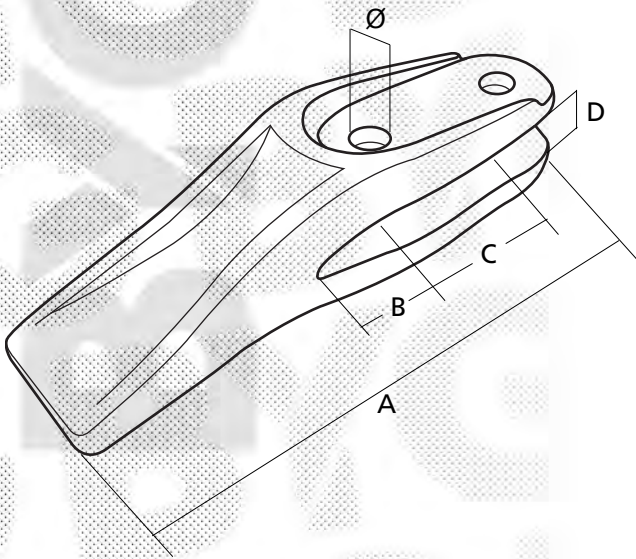
**Bold ref. number,
 product available**
*Other ref. number
 please consult.*

Tooth and Corner Adapter



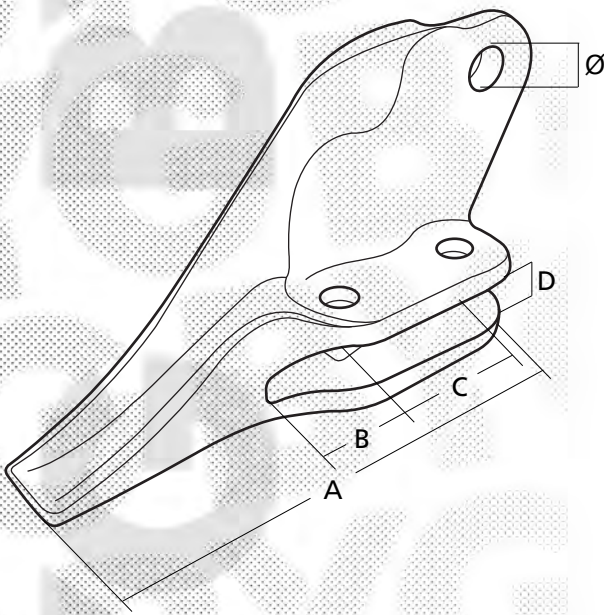
Teeth		Corner Adapter		
85801109	85801377	85801376	85801376	Terne, Back-Hoe, Loaders, Baggerlader, Tranto-Peles, FB-90, FB-100

Fiat Tooth



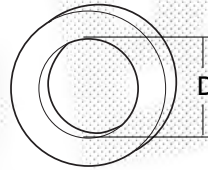
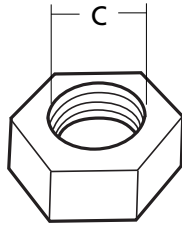
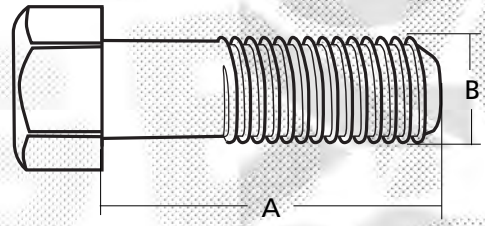
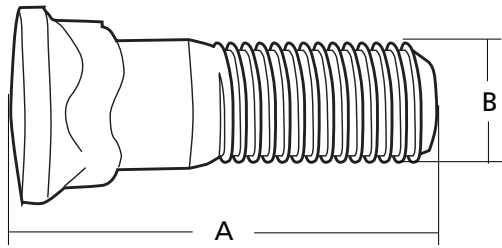
mm.																
A	B	C	D	Ø		KG	85801109	PB-510	NP-158							
270	50	75	20	18	16	3,77	85801109	PB-510	NP-158	85801377	85801376	Terne, Back-Hoe, Loaders, Baggerlader, Tranto-Peles, FB-90, FB-100				
10,63"	1,97"	2,95"	0,79"	0,71"	0,63"	8,31										





Corner Adapter



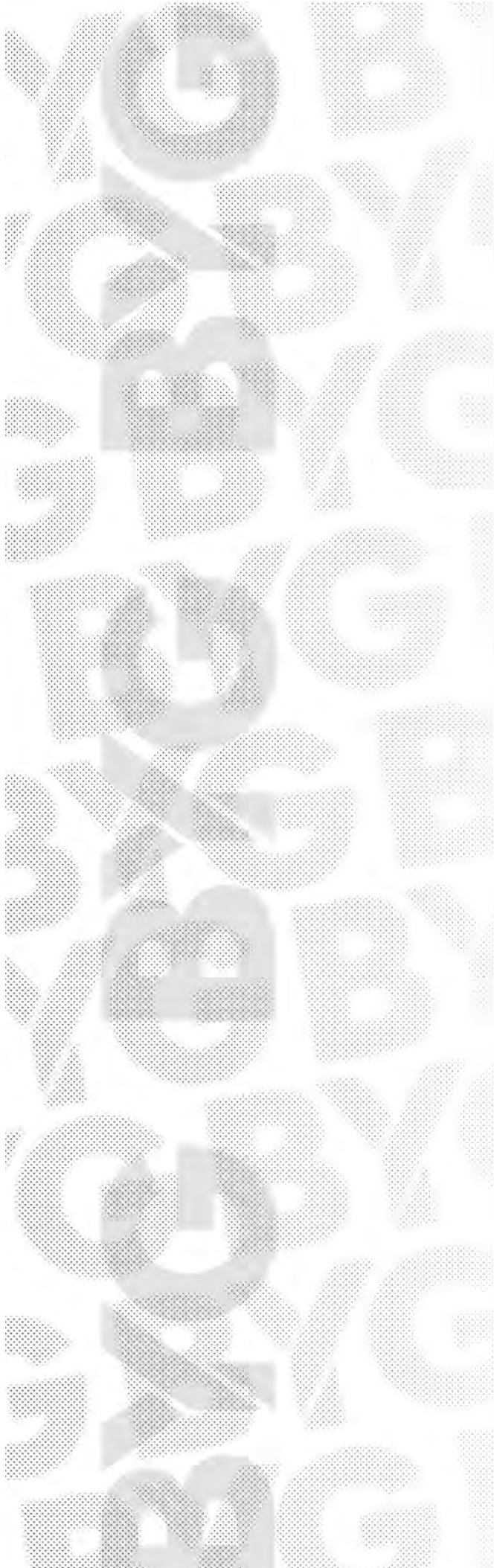
mm.																	
A	B	C	D	Ø		KG	85801377	S-1589	NP-158								
63	65	80	23	17	20	5,00	85801376	PB-510	NP-158	85801109	85801109	Terne, Back-Hoe, Loaders, Baggerlader, Tranto-Peles, FB-90, FB-100					
2,48"	2,56"	3,15"	0,91"	0,67"	0,79"	11,02											

Fasteners



mm.				Threads	Original	BYG ref.	Original	BYG ref.	Original	BYG ref.	Original	BYG ref.
A	B	C	D									
1-3/4"	5/8"	5/8"	5/8"	11	0S-1589	S-1589	-	-	4K-0367	NP-158	5P-8247	0-216
2-1/4"	5/8"	-	-		-	-	3F-5108	PB-510	-	-		

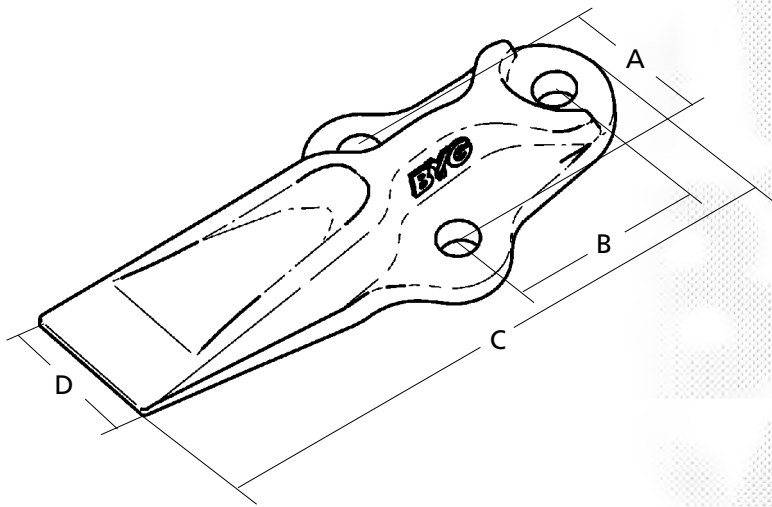




Atlas^{DRP} Teeth

Bold ref. number, product available
Other ref. number please consult.

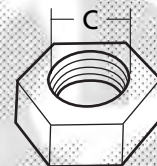
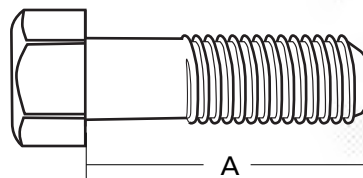
Atlas Teeth



mm.								
A	B	C	D					
70 2,76"	89 3,50"	307 12,09"	76 2,99"	4,97 10,96	121-8797	M-20070	TM-020	-

3

Bolt & Nut



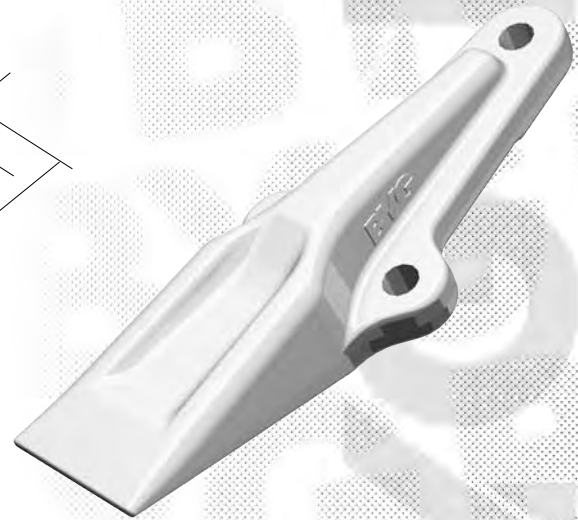
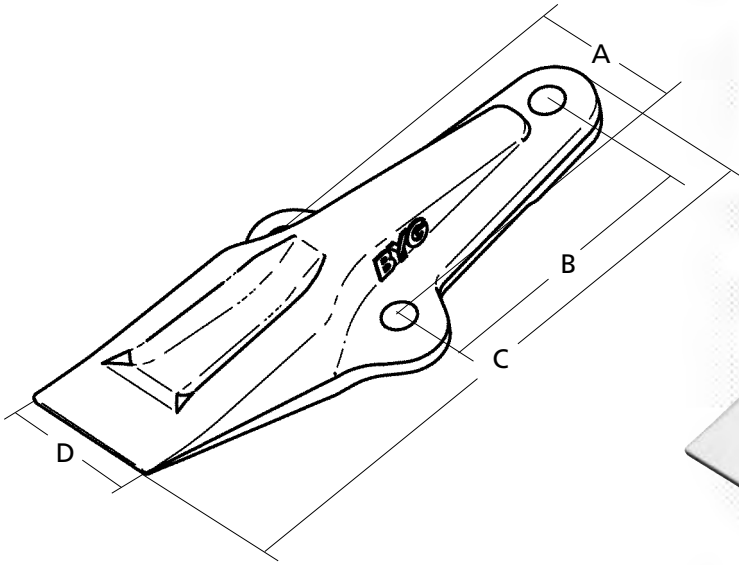
mm.			Thread	OEM	BYG ref.	OEM	BYG ref.
A	B	C					
70 2,76"	20 0,79"	20 0,79"	2.50	-	M-20070	-	-
-	-	-	-	-	-	6V-7742	TM-020



Liebherr^{DRP} Teeth

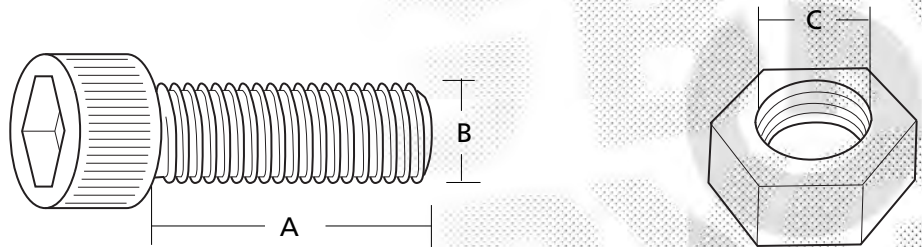
Bold ref. number, product available
Other ref. number please consult.

Liebherr Teeth



mm.								
A	B	C	D					
80 3,15"	140 5,51"	327 12,87"	79 3,11"	5,70 12,57	9169430	A-16070	TM-016	-

Bolt & Nut

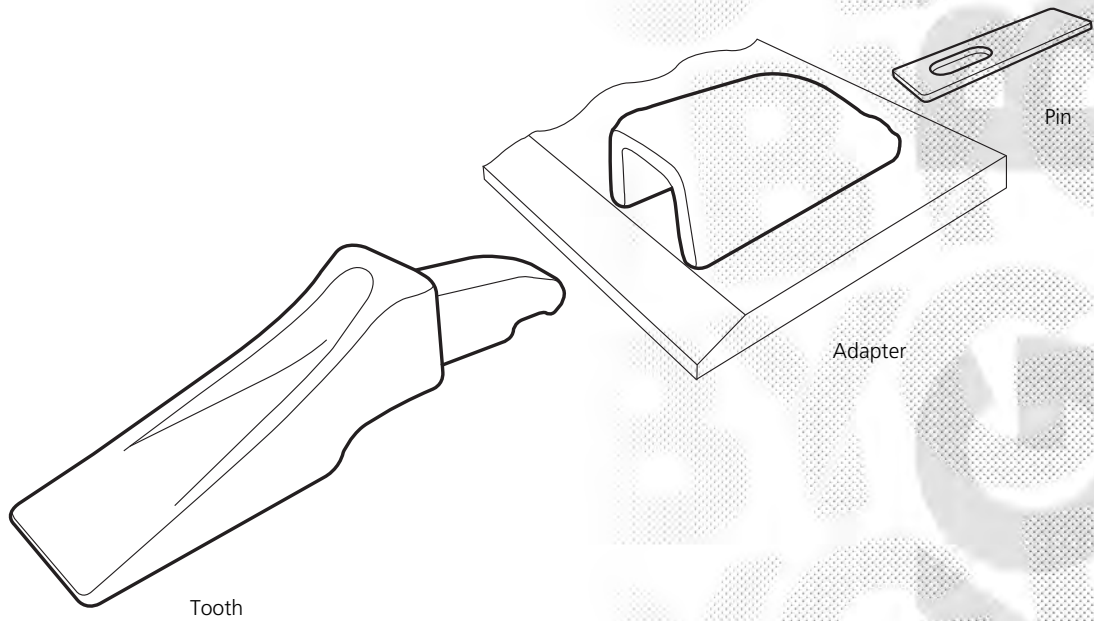


mm.			Thread	OEM	BYG ref.	OEM	BYG ref.
A	B	C					
70 2,76"	16 0,63"	16 0,63"	2.00	-	A-16070	-	-
-	-	-	-	-	-	8T-1757	TM-016

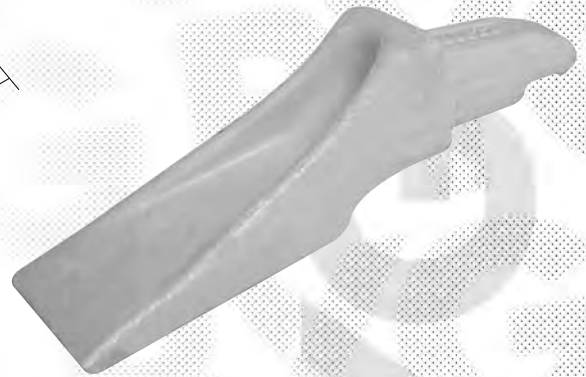
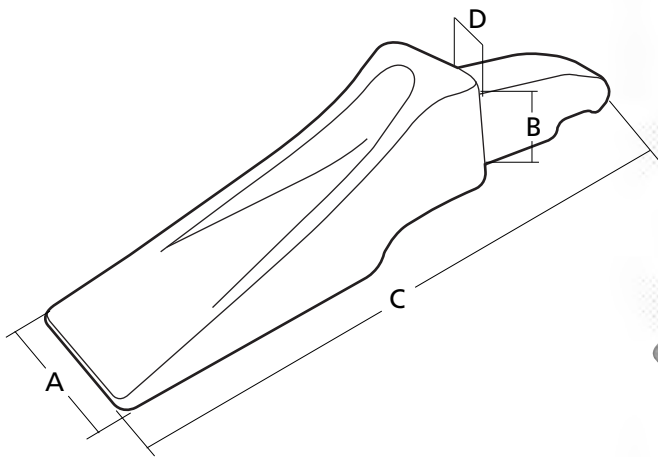


DRP
Lehnoff
 Teeth and Adapter

Bold ref. number, product available
 Other ref. number please consult.

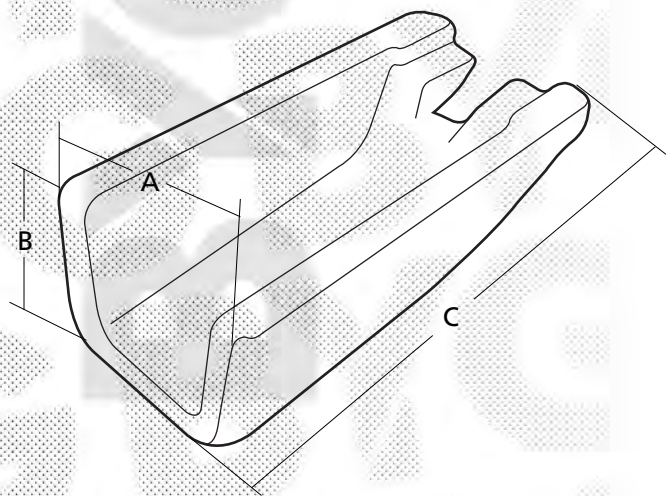


Tooth



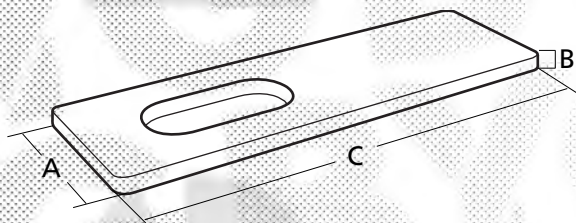
mm.				KG	411 F	011 HS	11 S	-
A	B	C	D					
64 2,52"	34 1,34"	243 9,57"	34 1,34"	2,50 5,51				

Adapter



mm.							
A	B	C					
55 2,17"	47 1,85"	124 4,88"	1,30 2,87	011 HS	411 F	11 S	-

Pin

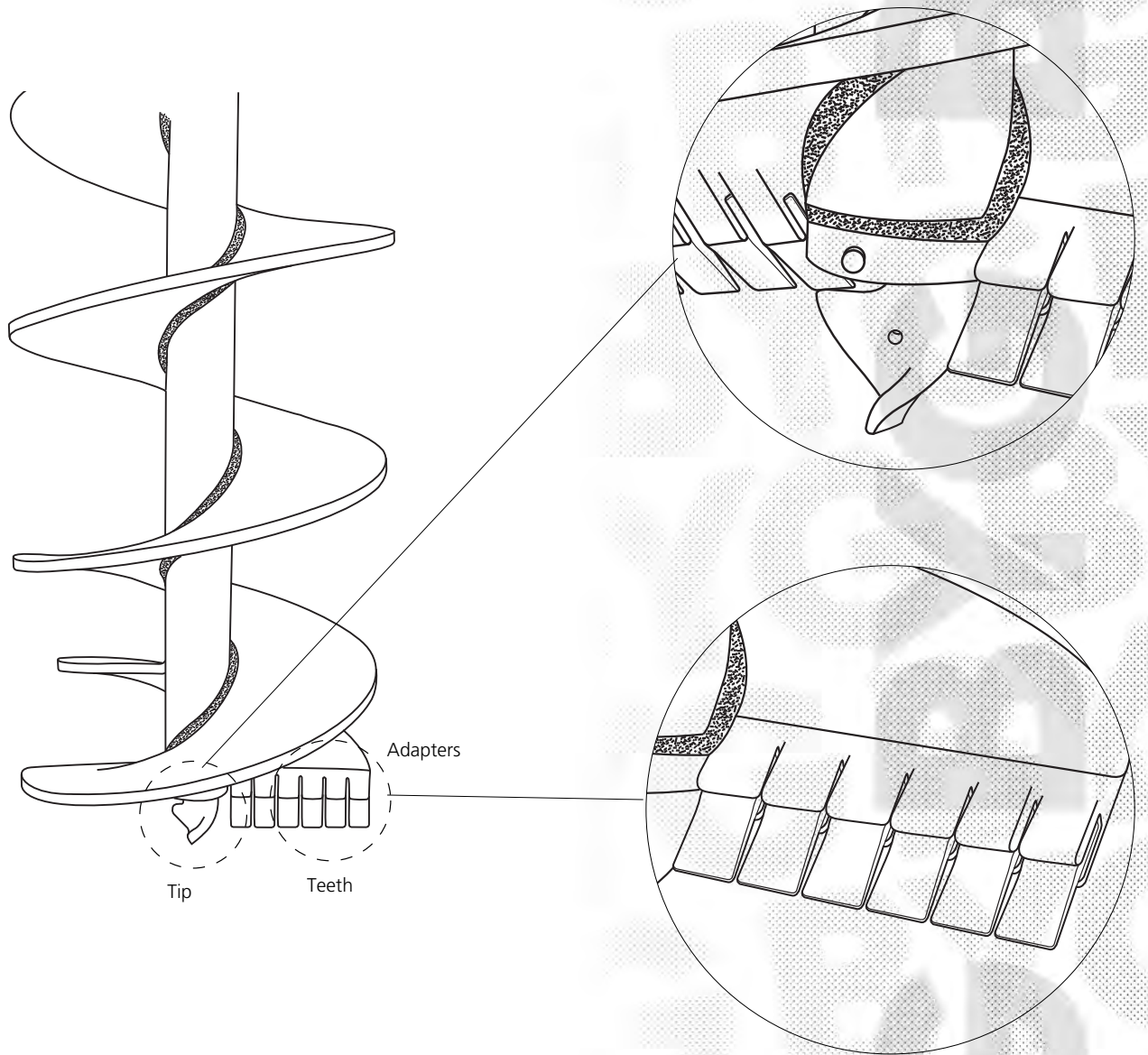


mm.				
A	B	C		
30 1,18"	3,5 0,14"	98 3,86"	0,10 0,22	11 S

DRP Pengo

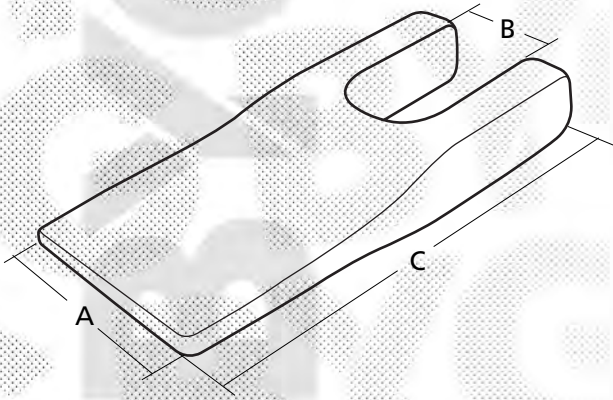
Teeth and Adapters



Bold ref. number, product available
Other ref. number please consult.



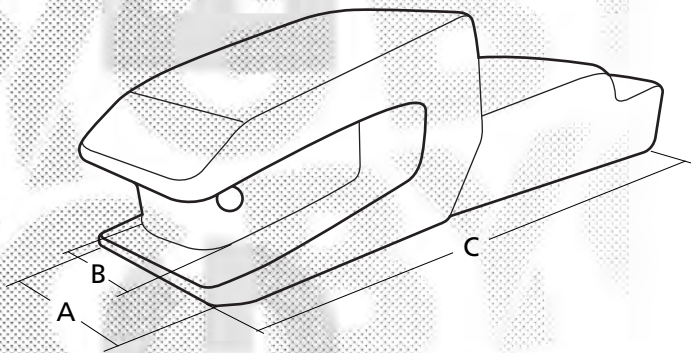
Teeth	Adapter	Adapter	Pilot Bit	Pilot Bit Adapter	
					24
15R55	-	P15R55	-	PFH-105	24
209A70	P209A70	-	FH-105	-	25
-	-	-	-	-	27



Teeth



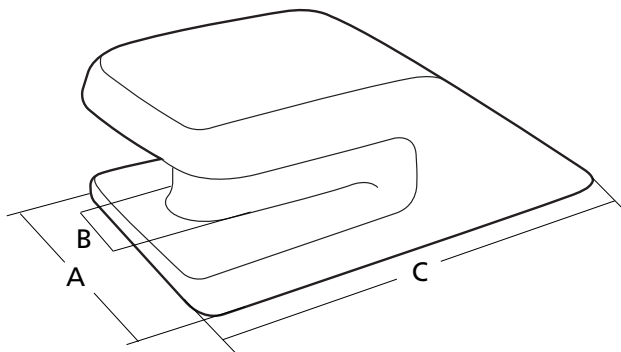
mm.			KG		
A	B	C			
48,5 1,91"	17 0,67"	110 4,33"	0,40 0,88	15R55	24
63 2,48"	26 1,02"	155 6,10"	1,10 2,43	209A70	25




Adapter



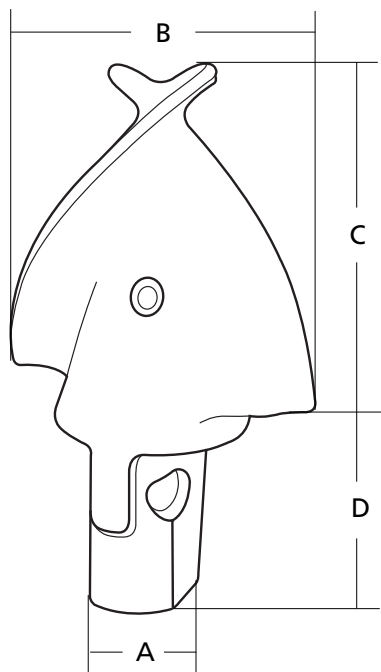
A	B	C	KG		
44 1,73"	17,5 0,69"	182 7,17"			




Adapter



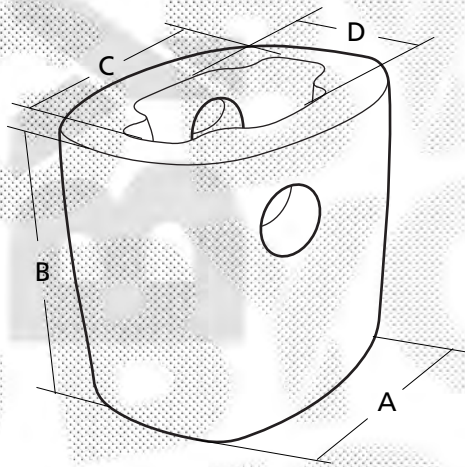
		mm.					
A	B	C					
69 2,72"	22 0,87"	150 5,91"	2,91 6,42	P209A70	24		




Pilot Bit



A	B	C	D					
58 2,28"	150 5,91"	145 5,71"	110 4,33"	3,70 8,16	FH-105	25		

Pilot Bit Adapter



A	B	C	D			
125 4,92"	102 4,02"	90 3,54"	46 1,81"	5,18 11,43	PFH-105	24

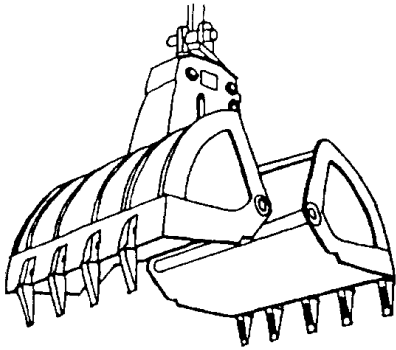
DRP

Special Equipment

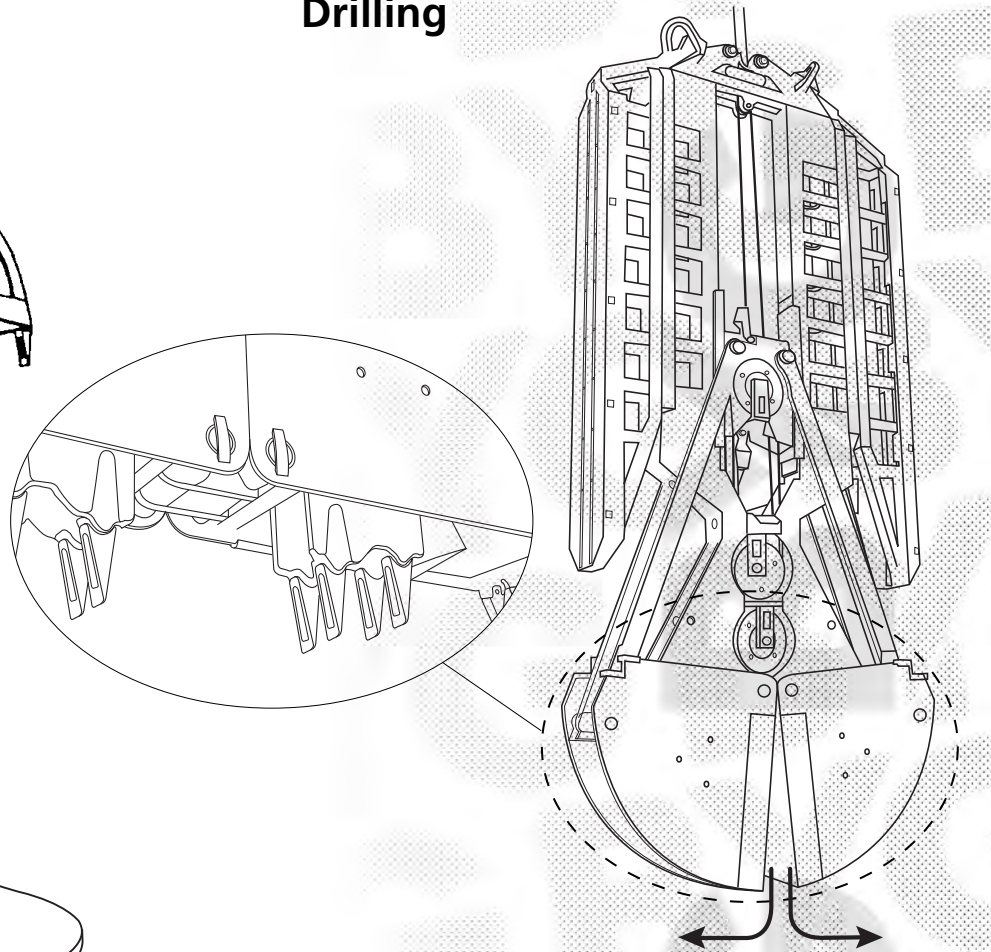
Teeth and Adapters

Bold ref. number, product available
Other ref. number please consult.

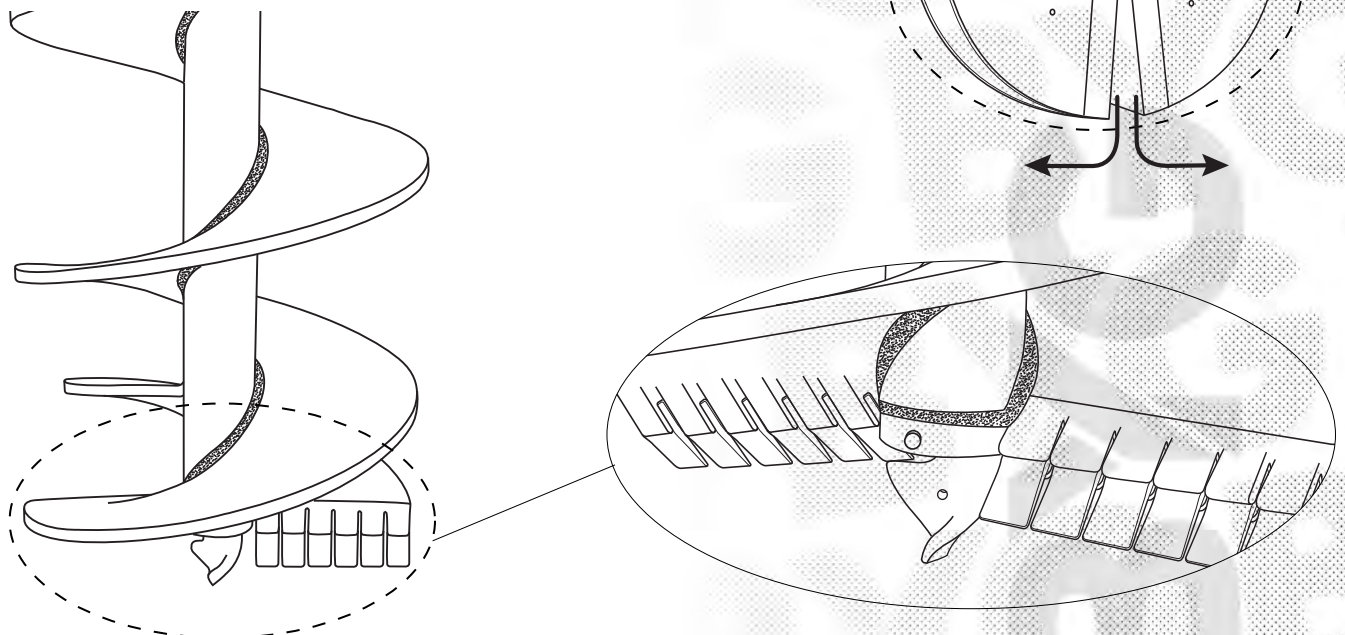
Bowl Grapples



Drilling

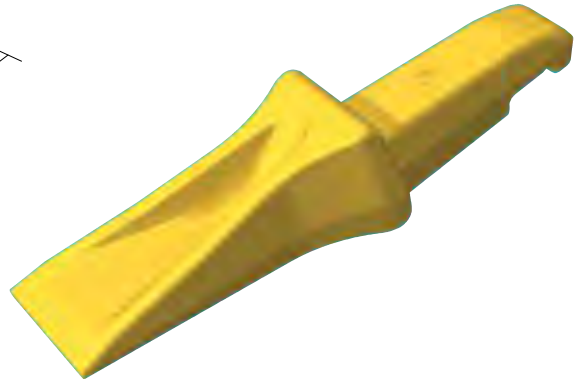
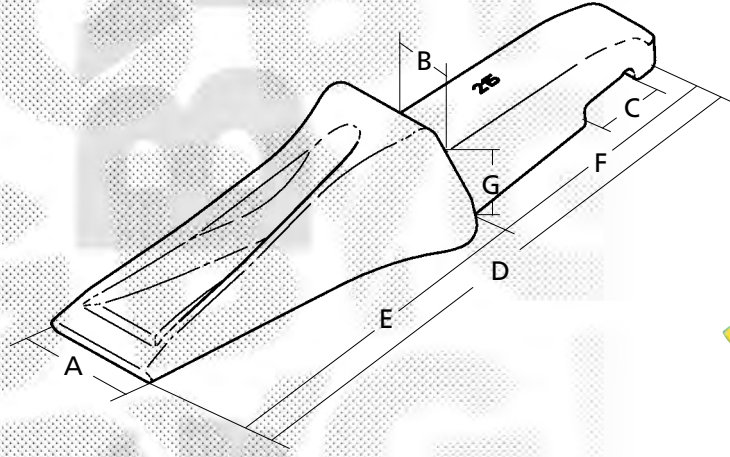


Drilling

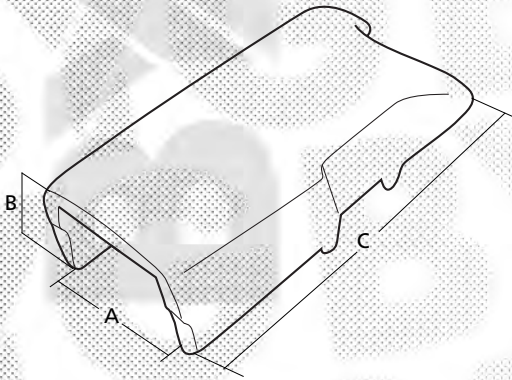


Drilling

Drilling Teeth & Adapter

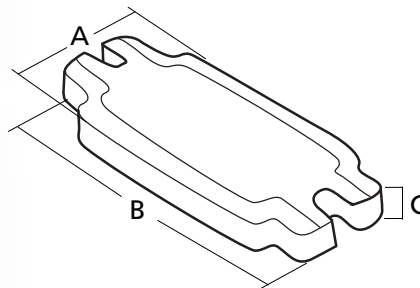


mm.												
A	B	C	D	E	F	G						
101 3,98"	52,5 2,07"	42 1,65"	395 15,55"	235 9,25"	160 6,30"	59 2,32"	40 1,57"	9,75 21,49	215	4046862	6254682	B3



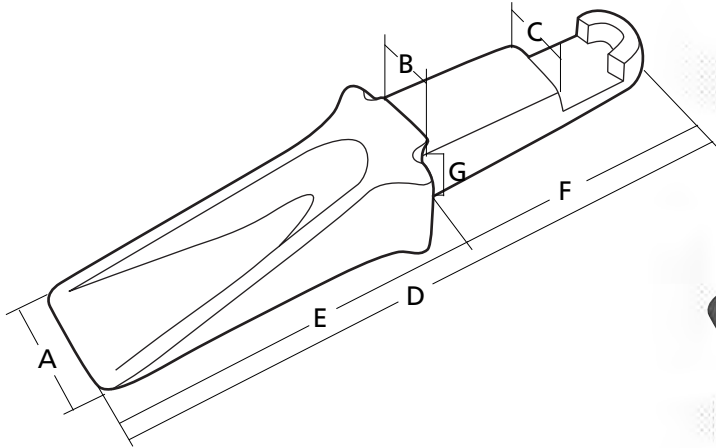
mm.							
A	B	C					
105 4,13"	83 3,27"	216 8,50"	5,10 11,24	4046862 33004	3031539	6254682	B3

mm.				
A	B	C		
39 1,54"	96 3,78"	11 0,43"	0,18 0,40	6254682 33201

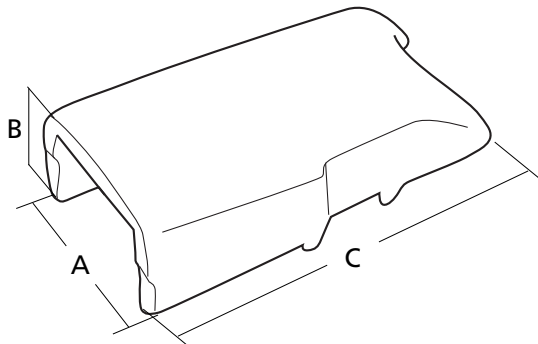


Bowl Grapples

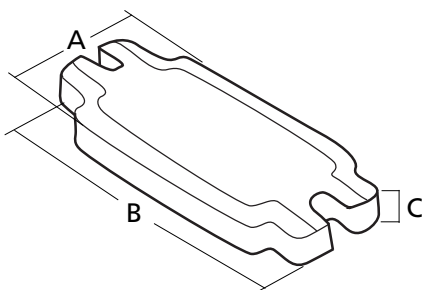
Clamshell Teeth & Adapter



mm.												
A	B	C	D	E	F	G						
62 2,44"	62 2,44"	36 1,42"	247 9,72"	145 5,71"	102 4,02"	52 2,05"	16 - 22 0,63" - 0,87"	2,10 4,63	4044291 30103	4046816	6254673	B0
70 2,76"	70 2,76"	42 1,65"	292 11,50"	167 6,57"	125 4,92"	64 2,52"	25 0,98"	3,30 7,28	4044388 31103	4046797	6254675	B1
85 3,35"	91 3,58"	54 2,13"	410 16,14"	255 10,04"	155 6,10"	77 3,03"	30 1,18"	6,00 13,23	3031362	4046819	6254677	B2

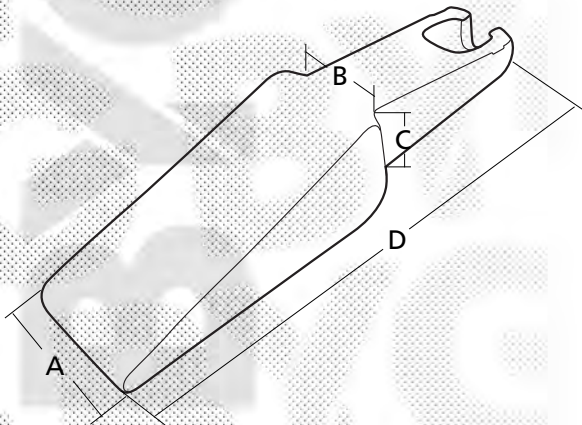


mm.										
A	B	C								
64 2,52"	50 1,97"	121 4,76"	1,00 2,20	4046816 31006	4047166	4046818	4044291	6254673	B0	
77 3,03"	61 2,40"	160 6,30"	1,90 4,19	4046797 31004	4047167	4046799 4046961	4044388	6254675	B1	
94 3,70"	74 2,91"	209 8,23"	3,80 8,38	4046819 32004	3031537	3032682	3031362	6254677	B2	

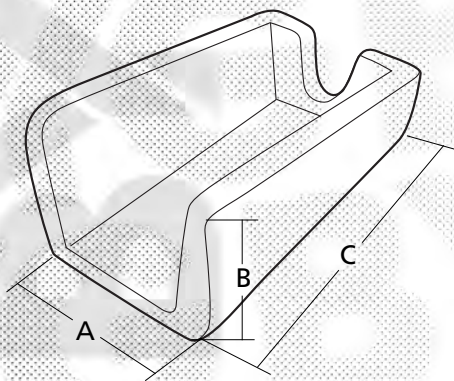


mm.					
A	B	C			
39 1,54"	96 3,78"	11 0,43"	0,18 0,40	6254682 33201	

Clamshell Teeth & Adapters

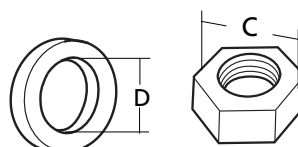
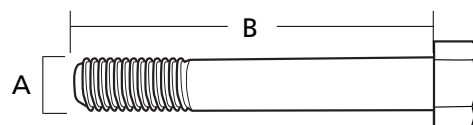


mm.										
A	B	C	D							
75 2,95"	52 2,05"	50 1,97"	105 4,13"	5,30 11,68	1040-15	1040-78	M-14060	TM-014	O-214	TCS-TYS-LY2P 60-75-80-90

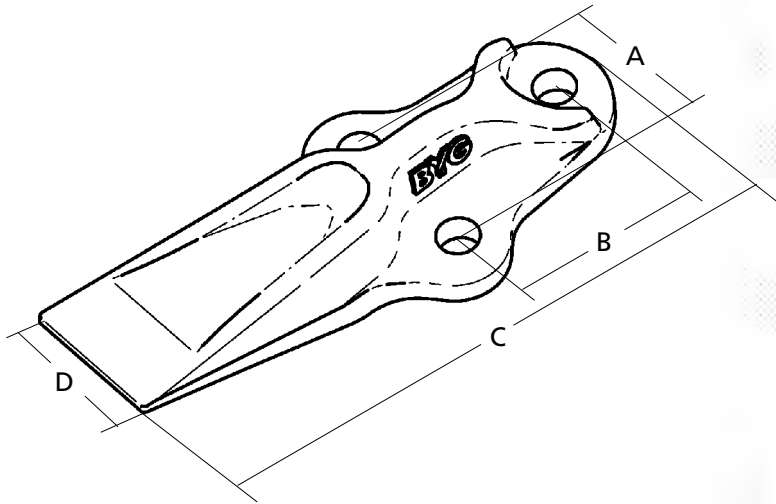


mm.								
A	B	C						
93 3,66"	50 1,97"	143 5,63"	1,60 3,53	1040-78	1040-15	M-14060	TM-014	O-214

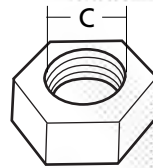
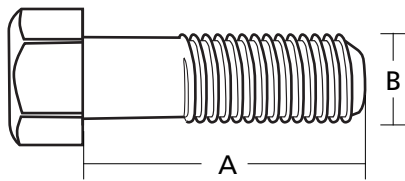
mm.						
A	B	C	D			
14 0,55"	60 2,36"	22 0,87"	16 0,63"	M-14060	TM-014	O-214



Clamshell Teeth

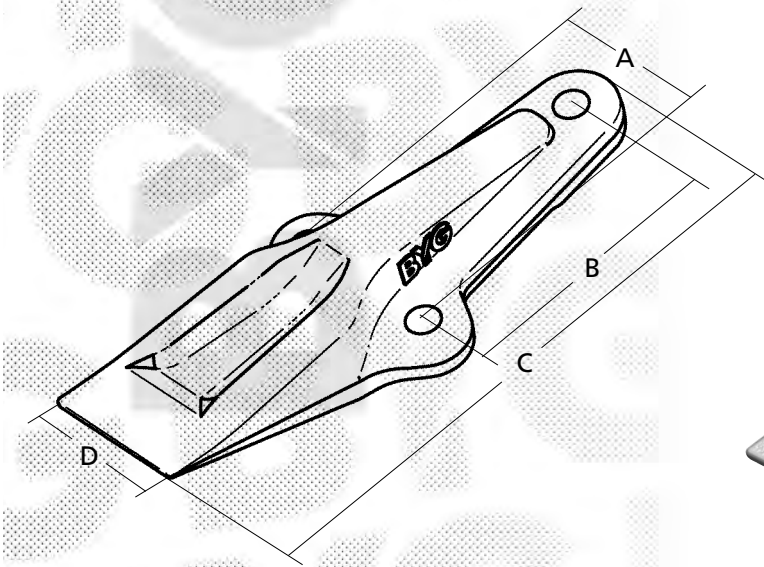


mm.								
A	B	C	D					
70 2,76"	89 3,50"	307 12,09"	76 2,99"	4,97 10,96	121-8797	M-20070	TM-020	-

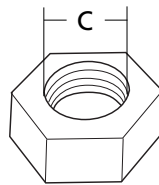
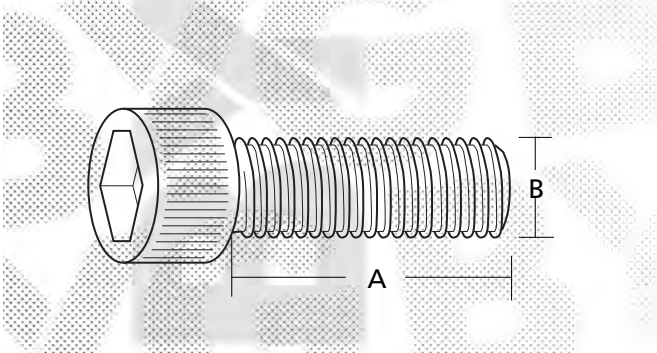


mm.				Original	BYG ref.	Original	BYG ref.
A	B	C	Paso				
70 2,76"	20 0,79"	20 0,79"	2.50	M-20070	6V-5845	-	-
-	-	-	-	-	-	TM-020	6V-7742

DRP Liebherr Teeth



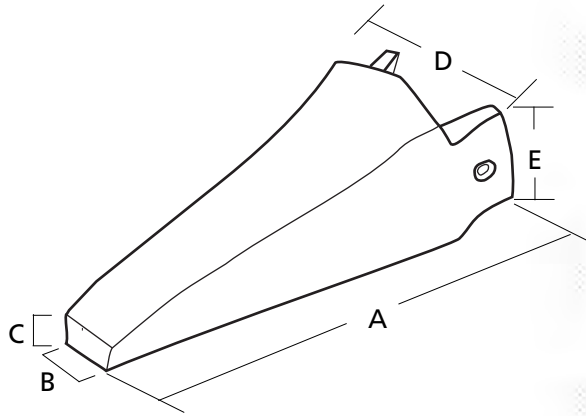
mm.								
A	B	C	D					
80 3,15"	140 5,51"	327 12,87"	79 3,11"	5,70 12,57	9169430	A-16070	TM-016	-



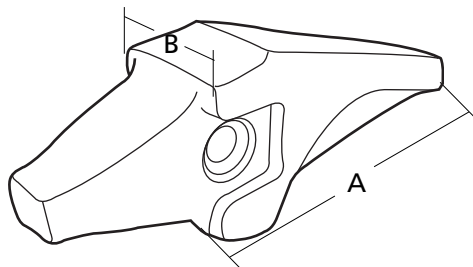
mm.				Original	BYG ref.	Original	BYG ref.
A	B	C	Paso				
70 2,76"	16 0,63"	16 0,63"	2.00	A-16070	-	-	-
-	-	-	-	-	-	TM-016	8T-1757

Drilling Tools

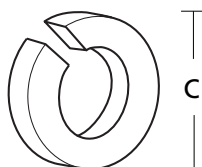
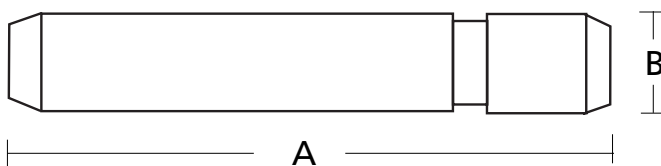
Drilling Teeth & Adapters



mm.									
A	B	C	D	E					
263 10,35"	52 2,05"	10 0,39"	90 3,54"	21 0,83"	4,50 9,92	25-RC10	25-RC-PN	25-RC-LKSR	3861-25RC
313 12,32"	50 1,97"	10 0,39"	90 3,54"	21 0,83"	5,80 12,79				

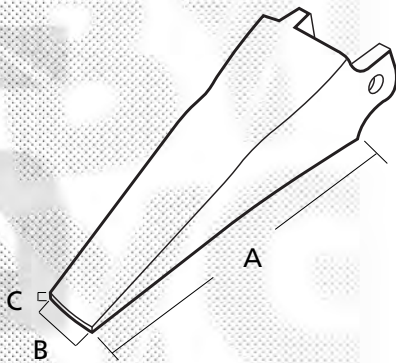


mm.						
A	B					
280 11,02"	89 3,50"	14,40 31,75	3861-25RC	25-RC-PN	25-RC-LKSR	25-RC10 25-RC12

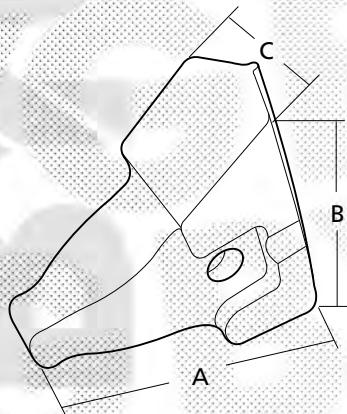


mm.				
A	B	C		
95 3,74"	19 0,75"	38 1,50"	25RC-PN	25RC-LKSR

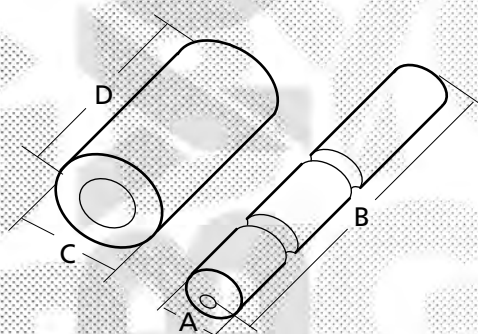
Drilling Teeth & Weld-On Nose



mm.								
A	B	C						
268 10,55"	45 1,77"	9 0,35"	NA! NA!	22-R10P	22-RPG	22-RBG	22-RN	22
305 12,01"	51 2,01"	10 0,39"	5,18 11,42	25-R12	25-RPG	25-RBG	25-RN	25



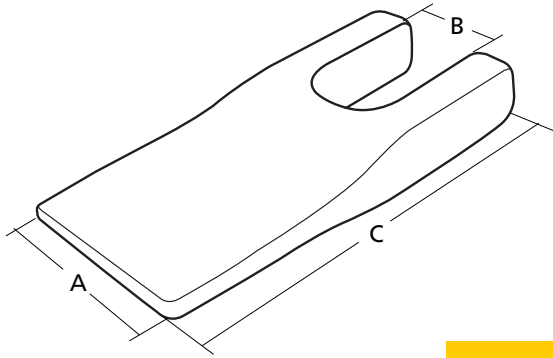
mm.								
A	B	C						
171 6,73"	145 5,71"	78 3,07"	5,60 12,35	22-RN	22-RPG	22-RBG	22-R10	22
190 7,48"	168 6,61"	90 3,54"	8,55 18,85	25-RN	25-RPG	25-RBG	25-R12	25




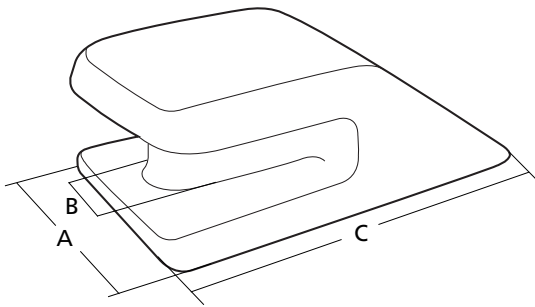
mm.						
A	B	C	D			
12,7 0,50"	82 3,23"	20,6 0,81"	56 2,20"	22-RPG	22-RBG	22
12,7 0,50"	92 3,62"	20,6 0,81"	64 2,52"	25-RPG	25-RBG	25


Drilling Parts

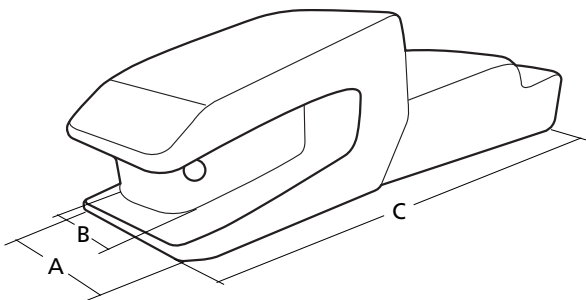
Drilling Teeth & Adapters




mm.		C	KG	Image	mm.
A	B				
48,5 1,91"	17 0,67"	110 4,33"	0,40 0,88		24
63 2,48"	26 1,02"	155 6,10"	1,10 2,43	209A70	25

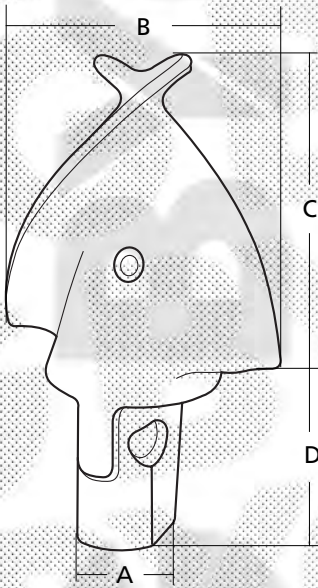





mm.		C	KG	Image	mm.
A	B				
69 2,72"	22 0,87"	150 5,91"	2,91 6,42		24

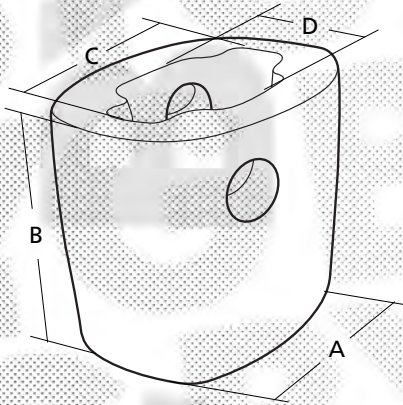





mm.		C	KG	Image	mm.
A	B				
44 1,73"	17,5 0,69"	182 7,17"	1,55 3,42		24

Drilling Tools



mm.						
A	B	C	D			
58 2,28"	150 5,91"	145 5,71"	110 4,33"	3,70 8,16	FH-105	25



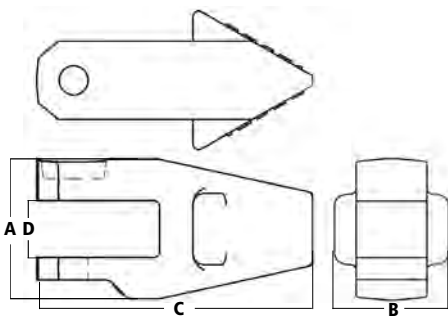
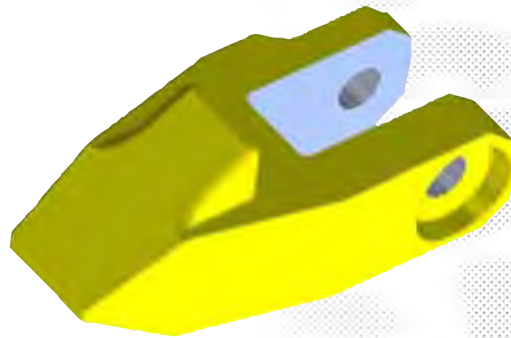
mm.						
A	B	C	D			
125 4,92"	102 4,02"	90 3,54"	46 1,81"	5,18 11,43	PFH-105	24

DRP for Trevi Benne Demolition Tools



Number of Teeth mounted

Mod.	K005	K007	K010	K015
SERIE FR FR 09RD	2			
FR 13RD	8		2	
FR 15RD	8		2	
FR 20RD	8		2	
FR 25RD	8		2	
FR 35RD		8		2
FR 50RD			8	
FR 70RD			8	/
SERIE F F 12RD				
F 18RD	4		2	
F 20RRD	4		2	
F 25RD	4		2	
F 30RD		4		2
SERIE HC HC 05ND	4			
HC 10ND		4		
HC 13D		4		
HC 15ND			4	
HC 20ND			4	
HC 25ND			4	
HC 40ND				4



mm.					KG	Image of tooth	Image of bolt	Image of nut
A	B	C	D					
90 3,54"	73 2,87"	160 6,30"	36 1,42"	2,75 6,06	K005	M-18090	TA-018	
110 4,33"	88 3,46"	195 7,68"	41 1,61"	5,08 11,20	K007	M-20100	TA-020	
125 4,92"	124 4,88"	247 9,72"	51 2,01"	9,89 21,80	K010	M-24110	TA-024	
140 5,51"	139 5,47"	277 10,91"	61 2,40"	13,18 29,06	K015	M-27140	TA-027	