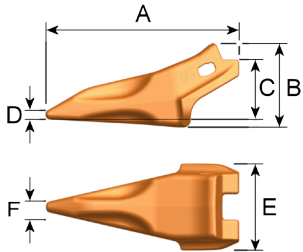
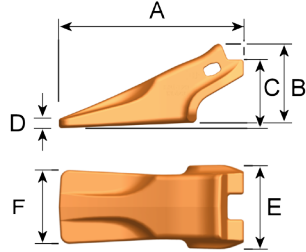


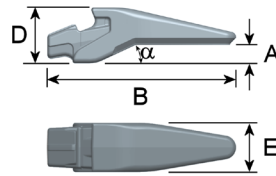
# Mini SPECIFICATIONS Teeth, Adapters, Accessories



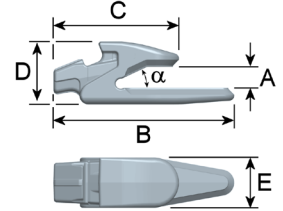
**T7**  



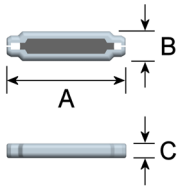
**T29**  



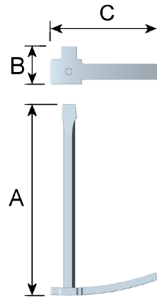
**A1**  



**A8EB** 









**C-lock**  













**C-tool**  

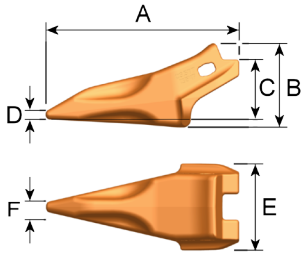
Typical machine weight - Excavator < 4 MT  
Maximum breakout force in HD/XHD 22 kN

Typical machine weight - Wheel loader < 4 MT  
Maximum breakout force in HD/XHD 32 kN

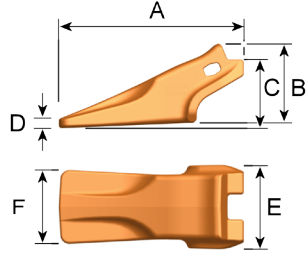
Type	Part. no	 	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm
T7	17117	 	0.6	135	55	37	6	50	N/A
T29	17129	 	0.7	130	53	44	6	50	47

Type	Part. no	 	Weight kg	A mm	$\alpha$ °	B mm	C mm	D mm	E mm	F mm
A1	17001	 	1.0	16 (16-20)	25	165	N/A	52	36	N/A
A8EB	17015	 	0.8	16 (16-20)	25	143	85	52	36	N/A
C-lock	17306	 	N/A	38	N/A	14	8.5	N/A	N/A	N/A
C-tool	17403	 	0.6	306	N/A	46	92	N/A	N/A	N/A

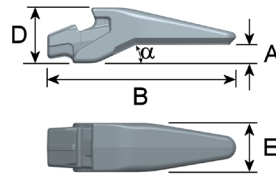
# Midi SPECIFICATIONS Teeth, Adapters, Accessories



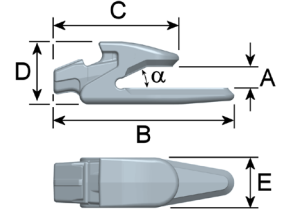
**T7**  



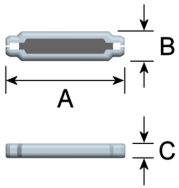
**T29**  



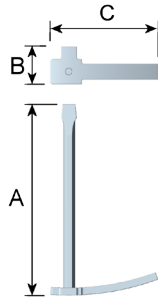
**A1**  



**A8EB** 









**C-lock**  













**C-tool**  

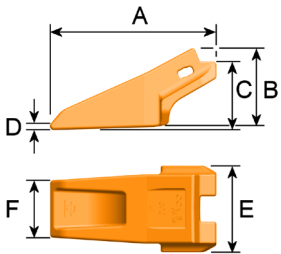
Typical machine weight - Excavator 4-8 MT  
Maximum breakout force in HD/XHD 35 kN

Typical machine weight - Wheel loader 4-8 MT  
Maximum breakout force in HD/XHD 47 kN

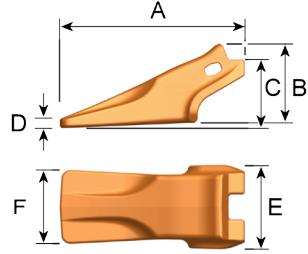
Type	Part. no	 	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm
T7	18117	 	0.9	157	64	40	7	60	N/A
T29	18129	 	1.1	149	62	51.5	7	60	56

Type	Part. no	 	Weight kg	A mm	$\alpha$ °	B mm	C mm	D mm	E mm	F mm
A1	18001	 	1.8	16 (16-20)	25	187	N/A	61	46	N/A
A8EB	18015	 	1.5	16 (16-20)	25	167	99	61	46	N/A
C-lock	18306	 	N/A	38	N/A	14	8.5	N/A	N/A	N/A
C-tool	17403	 	0.6	306	N/A	46	92	N/A	N/A	N/A

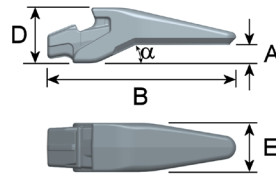
# C0 SPECIFICATIONS Teeth, Adapters, Accessories



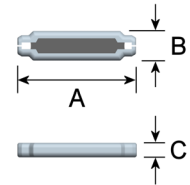
**T1**  



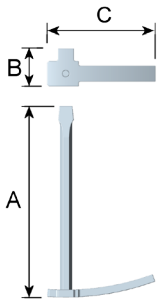
**T29**  



**A1**  

















**C-lock**  



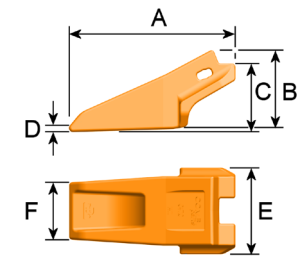
**C-tool**  

Typical machine weight - Excavator 8-10 MT  
 Maximum breakout force in HD/XHD 45 kN  
 Typical machine weight - Wheel loader 8-10 MT  
 Maximum breakout force in HD/XHD 63 kN

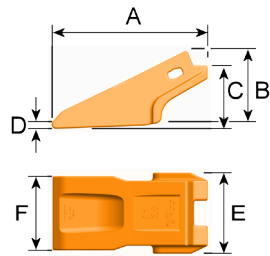
Type	Part. no	 	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm
T1	10111	 	1.8	168	71	57	8	70	50
T29	10129	 	1.8	177	69	57	8	70	63

Type	Part. no	 	Weight kg	A mm	$\alpha$ °	B mm	C mm	D mm	E mm	F mm
A1	10001	 	2.8	20 (16-25)	25	218	N/A	70	54	N/A
C-lock	10306	 	N/A	58	N/A	19	9	N/A	N/A	N/A
C-tool	10403	 	0.7	308	N/A	60	102	N/A	N/A	N/A

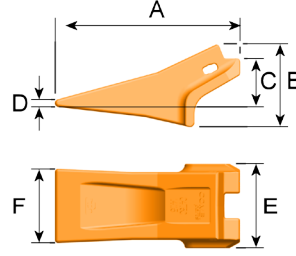
# CI SPECIFICATIONS Teeth, Adapters, Accessories



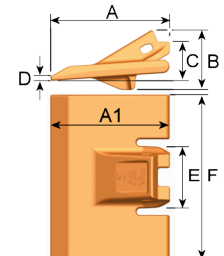
T1



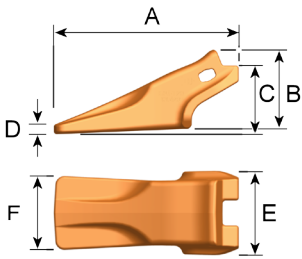
T3



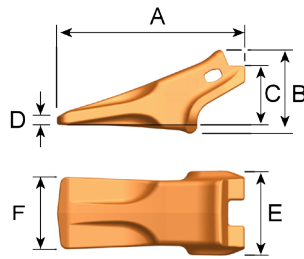
T5



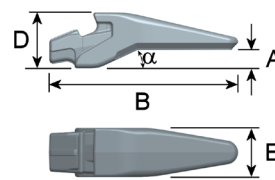
T6



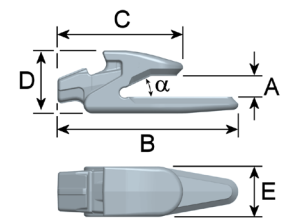
T29



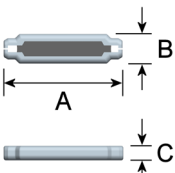
T35



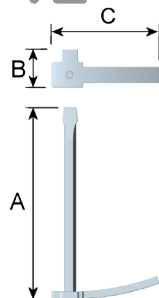
A1



A8E



C-lock



C-tool

Typical machine weight - Excavator  
Maximum breakout force in HD/XHD

10-14 MT  
61 kN

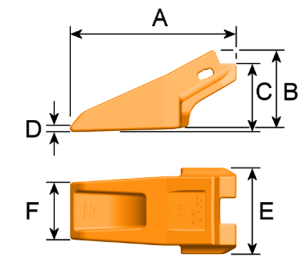
Typical machine weight - Wheel loader  
Maximum breakout force in HD/XHD

10-14 MT  
80 kN

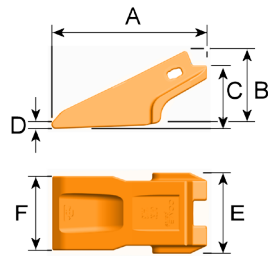
Type	Part. no		Weight kg	A mm	$\alpha$ °	B mm	C mm	D mm	E mm	F mm
T1	11111		2.5	187		77	65	9	86	57
T3	11113		2.9	187		77	65	9	86	80
T5	11115		3.1	206		82	45	10	86	80
T6	11116 <sup>1)</sup>		6.2	185		80	50	6	86	250
T29	11129		2.6	190		83	68	10	90	85
T35	11135		2.7	205		84	48	7	90	77
A1	11001		3.8	20 (20-30)	25	240	N/A	75	60	N/A
A8E	11002		3.3	25	25	225	140	82	60	N/A
C-lock	11306		N/A	66	N/A	19	9	N/A	N/A	N/A
C-tool	10403		0.7	308	N/A	60	102	N/A	N/A	N/A

<sup>1)</sup> Dimension A1 167 mm. The wings (width F) can be cut to match the tooth space.

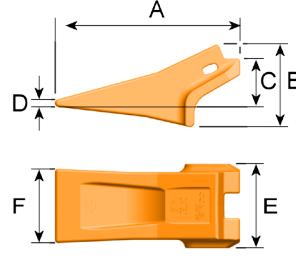
# C2 SPECIFICATIONS Teeth



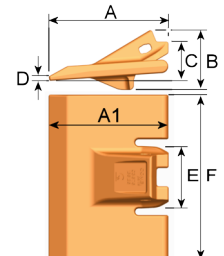
**T1** 



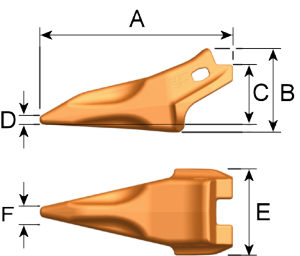
**T3** 



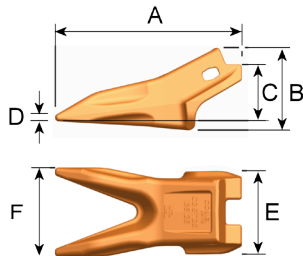
**T5** 



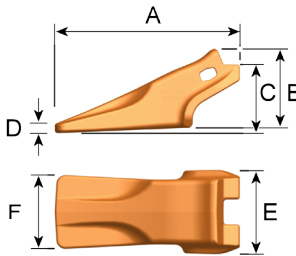
**T6** 



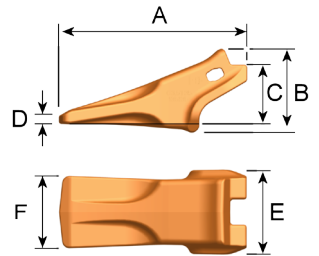
**T7** 



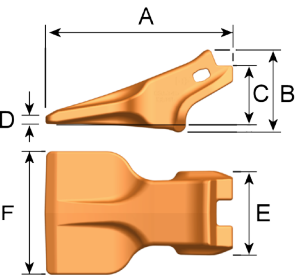
**T25** 



**T29** 















**T35** 



**T45** 

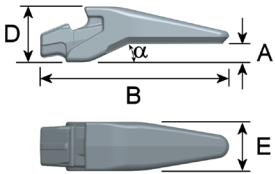
Typical machine weight - Excavator 14-17 MT  
 Maximum breakout force in HD/XHD 96 kN

Typical machine weight - Wheel loader 14-17 MT  
 Maximum breakout force in HD/XHD 104 kN

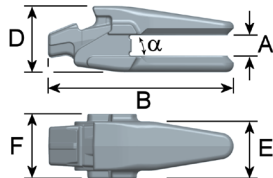
Type	Part. no	 	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm
T1	12111		4.7	230	89	73	10	100	76
T3	12113		5.5	230	89	77	13	100	104
T5	12115		3.9	213	93	49	10	100	93
T6	12116 <sup>1</sup>		8.5	188	90	48	13	100	315
T6	12126 <sup>1</sup>		8.7	188	90	48	13	100	315
T7	12117		3.0	223	85	50	8	100	N/A
T25	12125		3.6	220	97	48	8	100	98
T29	12129		3.8	225	92	80	10	100	95
T35	12135		3.4	220	98	67	9	100	86
T45	12145		4.1	222	98	67	9	100	140

<sup>1</sup>) Use 12116 together with A5 adapter and 12126 together with A8E adapter. The wings (width F) can be cut to match the tooth space. Dimension A1 is for 12116 131 mm and for 12126 171 mm.

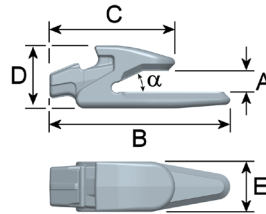
# C2 SPECIFICATIONS Adapters, Accessories



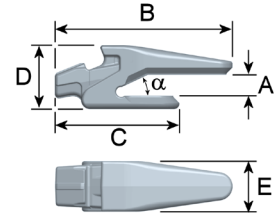
**A1** 



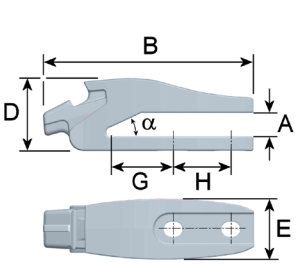
**A5** 



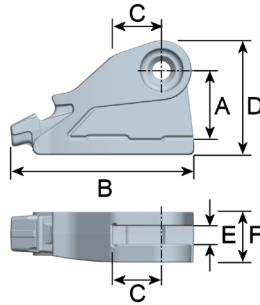
**A8E** 



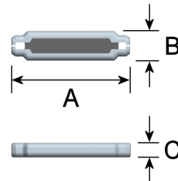
**A8L** 



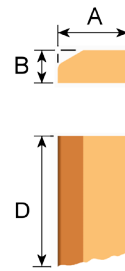
**BA** 



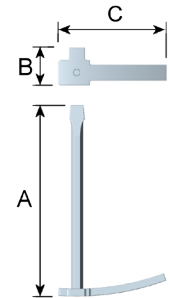
**BAC** 




















**C-lock**  



**SI** 



**C-tool**  

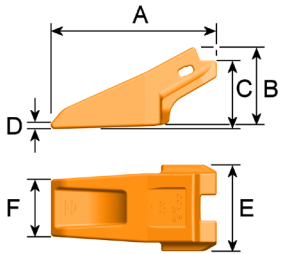
Type	Part. no	 	Weight kg	A mm	$\alpha$ °	B mm	C mm	D mm	E mm	F mm
A1	I2001		5.2	25 (25-35)	25	270	N/A	80	67	N/A
A5	I2002		6.5	30	90	270	N/A	96	67	90
A8E	I2007		4.6	25	25	240	170	88	67	N/A
A8E	I2008		4.6	30	25	240	170	88	67	N/A
A8L	I2012		4.5	30	25	257	152	85	67	N/A
BA	I2052 <sup>1</sup>		7.4	30	25	295	N/A	95	80	N/A
BA	I2053 <sup>1</sup>		8.6	35	25	342	N/A	100	80	N/A
BAC	I2060 <sup>2</sup>		11.8	105	N/A	283	75	176	28	78
BAC	I2061 <sup>2</sup>									
C-lock	I2306	 	N/A	74	N/A	29	13	N/A	N/A	N/A
SI	I2201 <sup>3</sup>	 	18.2	75	N/A	35	N/A	1000	N/A	N/A
C-tool	I2403	 	0.9	311	N/A	60	145	N/A	N/A	N/A

<sup>1</sup>) Bolt dimension I2052 M20 (kit with bolt/nut/washer part. no. I2310) I2053 M20 (kit with bolt/nut/washer part. no. I2311). Dimension G I2052 78 mm, I2053 100 mm. Dimension H I2052 86.6 mm, I2053 111 mm.

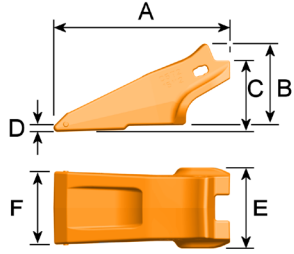
<sup>2</sup>) I2060 right hand as seen from cabin, I2061 left hand as seen from cabin. Bolt 54207 (FH 1" x 76 mm), Nut 54304 (1" chamfered). Lip thickness 30-35 mm.

<sup>3</sup>) Cut the shroud into suitable length to fit between the adapters.

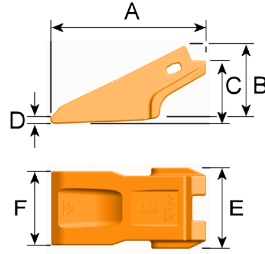
# C3 SPECIFICATIONS Teeth 1/2



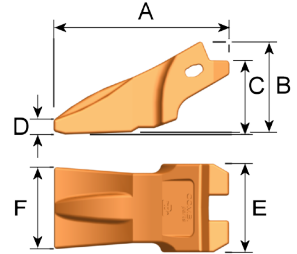
**T1** 



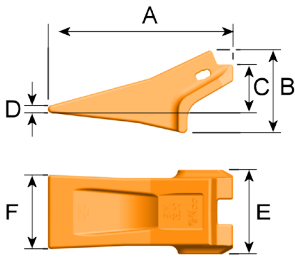
**T2** 



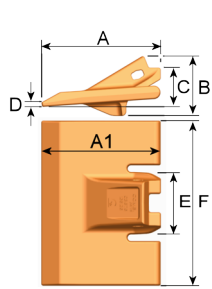
**T3** 



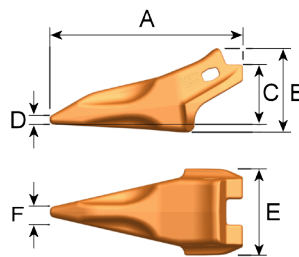
**T4** 



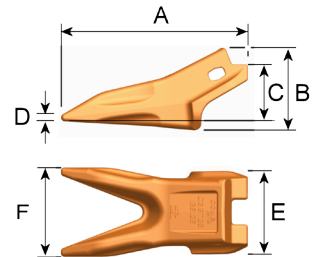
**T5** 














**T6** 



**T7** 



**T25** 

Type	Part. no	 	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm
T1	13111		7.4	265	119	94	9	124	86
T2	13112		9.2	250	119	102	18	124	116
T3	13113		8.7	267	119	94	9	124	115
T4	13114		9.0	245	119	102	17	124	115
T5	13115		6.8	263	125	63	10	124	105
T6	13116 <sup>1</sup>		11.0	223	102	66	12	124	330
T6	13126 <sup>1</sup>		12.7	223	102	66	12	124	330
T7	13117		5.2	273	103	64	9	124	330
T25	13125		6.5	263	125	62	9	124	130

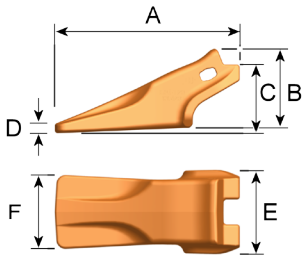
<sup>1</sup>) Use 13116 together with A5 adapter and 13126 together with A8E adapter. The wings (width F) can be cut to match the tooth space. Dimension A1 is for 13116 162 mm and for 13126 212 mm.

Typical machine weight - Excavator 17-25 MT  
Maximum breakout force in HD/XHD 141 kN

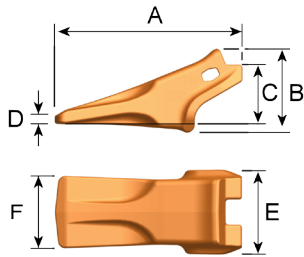
Typical machine weight - Wheel loader 17-25 MT  
Maximum breakout force in HD/XHD 174 kN

Combi Wear Parts AB  
Hantverkargatan 3, Box 205  
SE-681 24 Kristinehamn, Sweden  
Tel: +46 550 410 550. Fax: +46 550 410 589  
www.combiwearparts.com

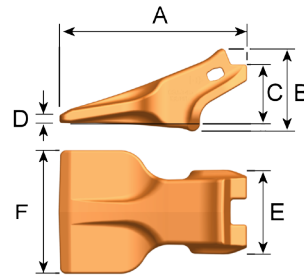
# C3 SPECIFICATIONS Teeth 2/2



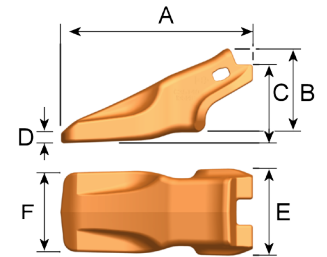
**T29** 



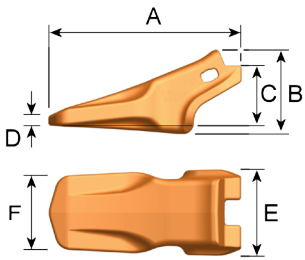
**T35** 









**T45** 



**T48** 



**T58** 

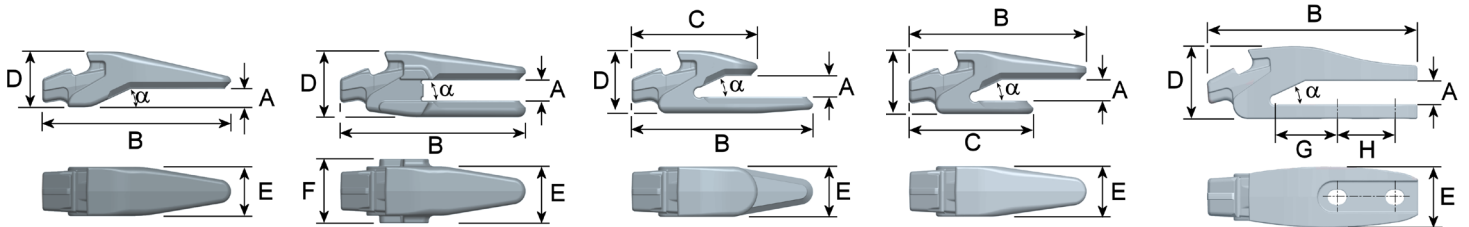
Type	Part. no	 	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm
T29	13129		6.9	263	114	98	13	124	115
T35	13135		6.2	263	121	84	12	124	104
T45	13145		7.4	263	121	69	13	124	175
T48	13148		9.5	270	119	111	17	124	112
T58	13158		8.3	273	119	86	17	124	106

Typical machine weight - Excavator 17-25 MT  
Maximum breakout force in HD/XHD 141 kN

Typical machine weight - Wheel loader 17-25 MT  
Maximum breakout force in HD/XHD 174 kN



# C3 SPECIFICATIONS Adapters, Accessories



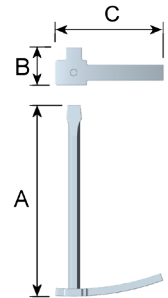
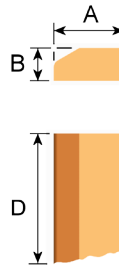
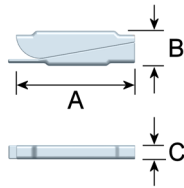
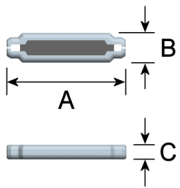
**A1** 

**A5** 

**A8E** 

**A8L** 

**BA** 




















**C-lock**  

**Slag Lock**  

**SI** 

**C-tool**  

Type	Part. no	 	Weight kg	A mm	$\alpha$ °	B mm	C mm	D mm	E mm	F mm
A1	I3001		10.5	30 (30-40) <sup>1</sup>	25	340	N/A	103	85	N/A
A5	I3002		13.4	40	90	320	N/A	120	85	115
A8E	I3008		8.3	40	25	292	204	108	85	N/A
A8E	I3009		8.6	35	25	292	204	108	85	N/A
A8L	I3012		9.7	40	25	300	200	110	85	N/A
A8L	I3013		10.1	35	25	300	200	110	85	N/A
BA	I3051 <sup>2</sup>		10.4	35	25	362	N/A	102	85	N/A
BA	I3052 <sup>2</sup>		16.2	40	25	366	N/A	126	105	N/A
C-lock	I3306	 	N/A	92	N/A	32	13	N/A	N/A	N/A
Slag Lock	I3307/8	 	N/A	96	N/A	27	13	N/A	N/A	N/A
SI	I3201 <sup>3</sup>		28.8	96	N/A	45	N/A	1000	N/A	N/A
C-tool	I2403	 	0.9	311	N/A	60	145	N/A	N/A	N/A

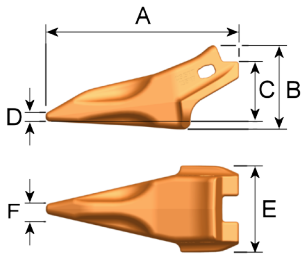
<sup>1</sup>) General recommendation regarding edge thickness is 30-40 mm. However, tooth type T48 makes it possible to increase the edge thickness with up to 10 mm.

<sup>2</sup>) Bolt dimension I3051 M20 (kit with bolt/nut/washer art. no. I2311) I3052 M24 (kit with bolt/nut/washer art. no. I3310).

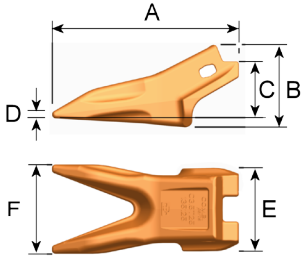
Dimension G I3051 - 100 mm, I3052 - 110 mm. Dimension H I3051 - 111 mm, I3052 - 100 mm.

<sup>3</sup>) Cut the shroud into suitable length to fit between the adapters.

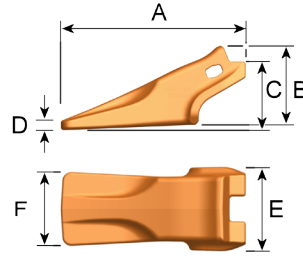
# C3.5 SPECIFICATIONS Teeth



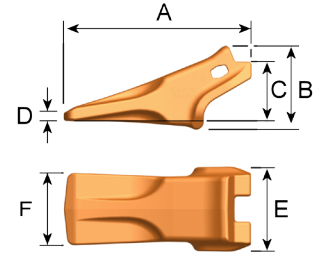
**T7** 



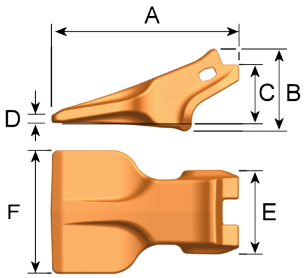
**T25** 



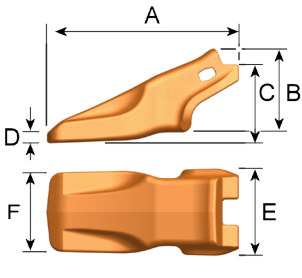
**T29** 



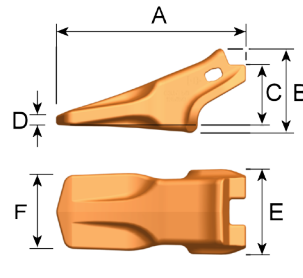
**T35** 



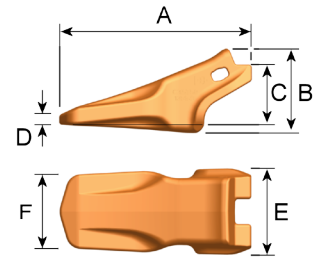
**T45** 











**T48** 



**T50** 



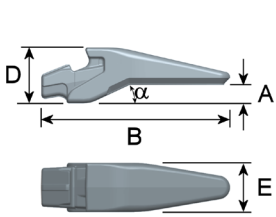
**T58** 

Type	Part. no		Weight kg	A mm	B mm	C mm	D mm	E mm	F mm
T7	135117		8.6	310	135	89	15	140	N/A
T25	135125		10.5	310	137	89	12	140	148
T29	135129		10.6	304	130	113	17	138	121
T35	135135		9.6	304	136	96	14	138	118
T45	135145		11.9	308	136	96	14	138	202
T48	135148		14.7	313	136	128	19	141	129
T50	135150		10.7	305	136	97	16	138	119
T58	135158		12.8	314	137	98	18	141	122

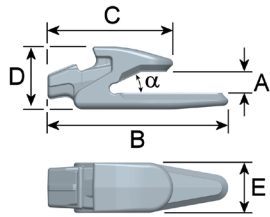
Typical machine weight - Excavator 25-35 MT  
Maximum breakout force in HD/XHD 184 kN

Typical machine weight - Wheel loader 25-35 MT  
Maximum breakout force in HD/XHD 227 kN

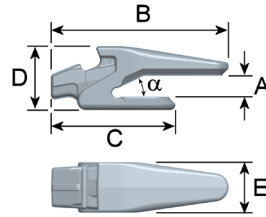
# C3.5 SPECIFICATIONS Adapters, Accessories



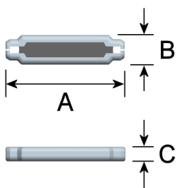
**A1** 



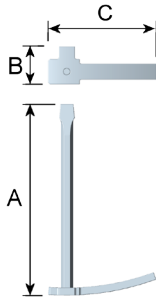
**A8E** 













**A8L** 



**C-lock**  

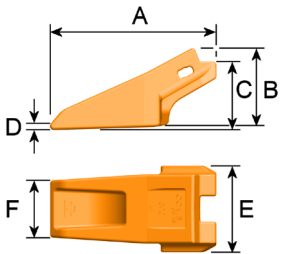


**C-tool**  

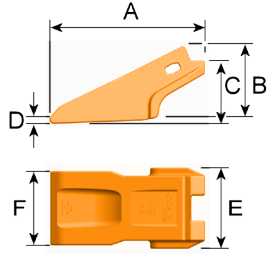
Type	Part. no	 	Weight kg	A mm	$\alpha$ °	B mm	C mm	D mm	E mm	F mm
A1	I35001		14.6	40 (40-50) <sup>1)</sup>	25	385	N/A	114	100	N/A
A8E	I35008		14.1	40	25	360	250	125	100	N/A
A8E	I35009		14.5	50	25	360	260	125	100	N/A
A8L	I35012		14.5	40	25	351	245	126	100	N/A
C-lock	I35306	 	N/A	107	N/A	33.5	13.5	N/A	N/A	N/A
C-tool	I35403	 	1.0	312	N/A	60	172	N/A	N/A	N/A

<sup>1)</sup> General recommendation regarding edge thickness is 40-50 mm. However, tooth type T48 makes it possible to increase the edge thickness with up to 15 mm.

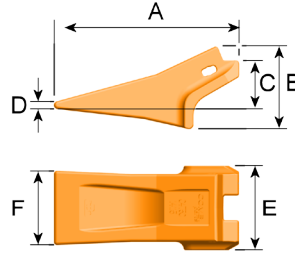
# C4 SPECIFICATIONS Teeth 1/2



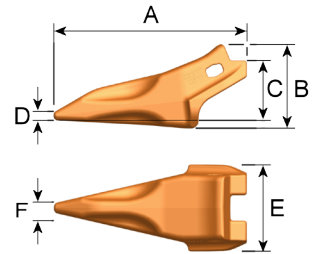
**T1** 



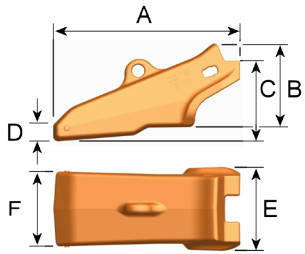
**T3** 



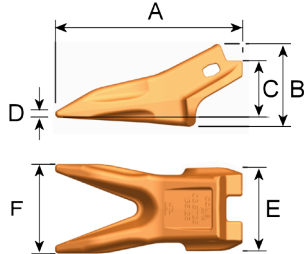
**T5** 



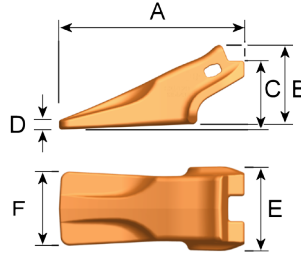
**T7** 



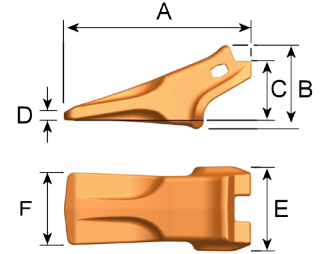
**T8** 












**T25** 



**T29** 



**T35** 

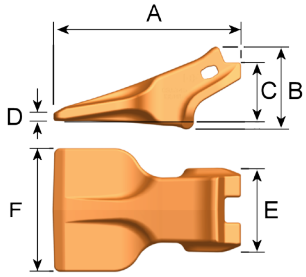
Type	Part. no		Weight kg	A mm	B mm	C mm	D mm	E mm	F mm
T1	14111		12.4	294	139	120	12	153	85
T3	14113		14.3	294	137	120	13	153	140
T5	14115		14.0	336	153	79	13	153	135
T7	14117		9.7	346	133	81	10	153	N/A
T8	14118		17.7	336	155	73	16	153	135
T25	14125		15.0	346	153	79	12	153	160
T29	14129		13.8	330	141	118	18	153	143
T35	14135		13.2	330	154	98	15	153	132

Typical machine weight - Excavator 35-45 MT  
Maximum breakout force in HD/XHD 226 kN

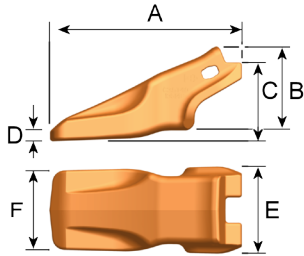
Typical machine weight - Wheel loader 35-45 MT  
Maximum breakout force in HD/XHD 279 kN

Combi Wear Parts AB  
Hantverkargatan 3, Box 205  
SE-681 24 Kristinehamn, Sweden  
Tel: +46 550 410 550. Fax: +46 550 410 589  
www.combiwearparts.com

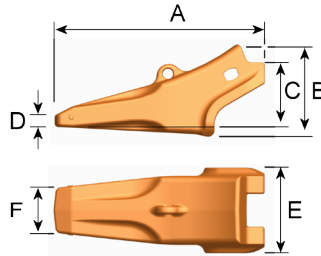
# C4 SPECIFICATIONS Teeth 2/2



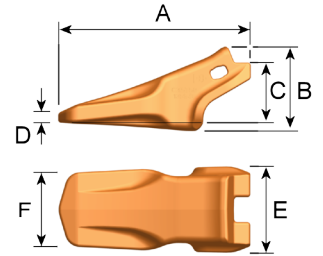
T45 









T48 



T55 



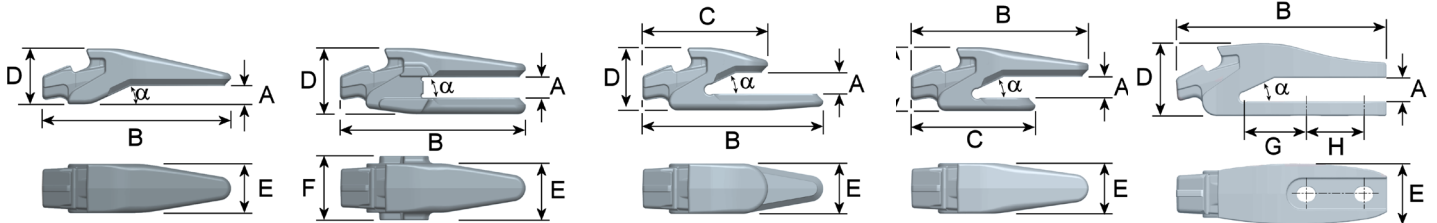
T58 

Type	Part. no	 	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm
T45	14145		16.2	338	154	98	15	153	222
T48	14148		19.8	314	152	140	21	154	138
T55	14155		14.3	340	154	105	20	153	81
T58	14158		17.1	341	150	109	21	154	130

Typical machine weight - Excavator 35-45 MT  
Maximum breakout force in HD/XHD 226 kN

Typical machine weight - Wheel loader 35-45 MT  
Maximum breakout force in HD/XHD 279 kN

# C4 SPECIFICATIONS Adapters, Accessories



**A1/A11**



**A5**



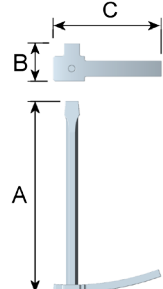
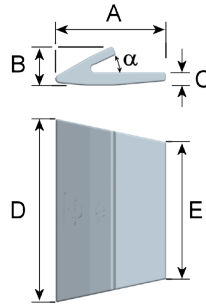
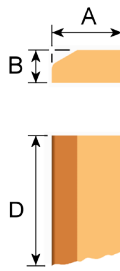
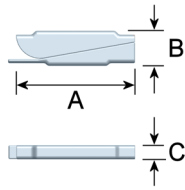
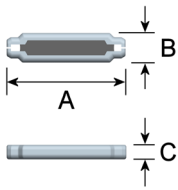
**A8E**



**A8L**



**BA**



**C-lock**



**Slag Lock**



**SI**



**S4**



**C-tool**



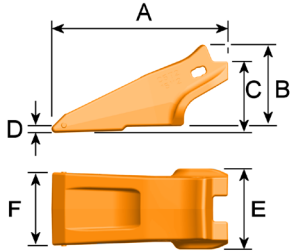
Type	Part. no		Weight kg	A mm	$\alpha$ °	B mm	C mm	D mm	E mm	F mm
A1	14001		17.7	50 (50-65) <sup>1</sup>	25	430	N/A	126	108	N/A
A11	14011		17.7	40 (40-55) <sup>1</sup>	25	430	N/A	126	108	N/A
A5	14002		25.4	50	90	405	N/A	149	108	140
A8E	14004		18.4	65	25	405	271	136	108	N/A
A8E	14008		18.4	50	25	405	271	136	108	N/A
A8E	14009		18.4	40	25	405	271	136	108	N/A
A8L	14012		18.0	40	25	380	235	135	108	N/A
A8L	14013		18.0	45	25	380	235	135	108	N/A
BA	14052 <sup>2</sup>		20.2	40	25	388	N/A	138	105	N/A
C-lock	14306		N/A	114	N/A	35	14	N/A	N/A	N/A
Slag Lock	14307/8		N/A	121	N/A	29	14	N/A	N/A	N/A
SI	14201 <sup>3</sup>		46.2	120	N/A	55	N/A	950	N/A	N/A
S4	14204 <sup>3</sup>		15.2	210	25	75	25	350	260	N/A
C-tool	135403		1.0	312	N/A	60	172	N/A	N/A	N/A

<sup>1</sup> General recommendation regarding edge thickness is 50-65 mm (A1) and 40-55 mm (A11). However, tooth type T48 makes it possible to increase the edge thickness with up to 15 mm.

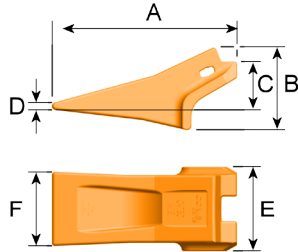
<sup>2</sup> Bolt dimension 14052 M24 (kit with bolt/nut/washer art. no. 13310). Dimension G 110 mm, dimension H 100 mm.

<sup>3</sup> Cut the shroud into suitable length to fit between the adapters.

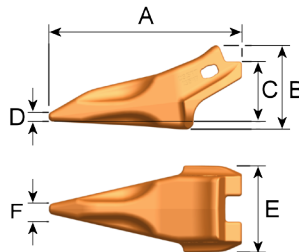
# C5 SPECIFICATIONS Teeth 1/2



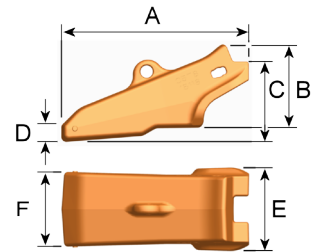
**T2** 



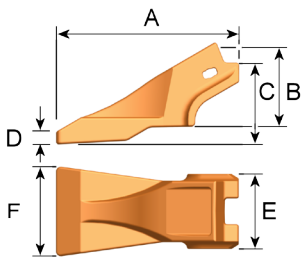
**T5** 



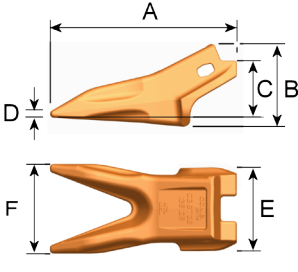
**T7** 



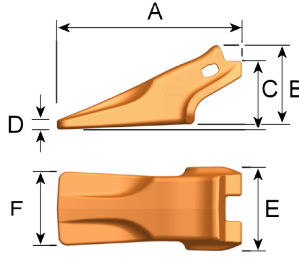
**T8**  



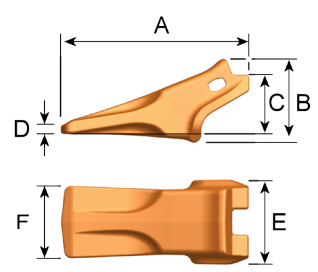
**T9** 














**T25** 



**T29** 



**T35** 

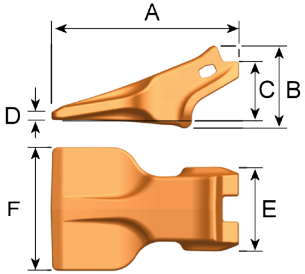
Type	Part. no	 	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm
T2	15112		22.3	361	164	145	14	165	150
T5	15115		22.6	375	178	108	16	165	150
T7	15117		18.6	395	182	113	26	165	N/A
T8	15118	 	27.4	375	197	161	36	165	150
T9	15119		24.2	375	167	166	30	165	200
T25	15125		22.5	395	176	113	20	165	175
T29	15129		19.6	375	167	149	21	165	145
T35	15135		18.4	385	181	123	17	167	143

Typical machine weight - Excavator 45-75 MT  
Maximum breakout force in HD/XHD 339 kN

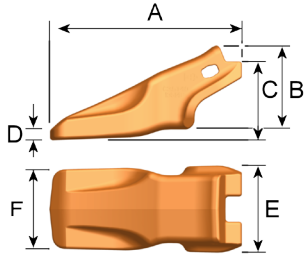
Typical machine weight - Wheel loader 45-75 MT  
Maximum breakout force in HD/XHD 418 kN

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Tel: +46 550 410 550. Fax: +46 550 410 589  
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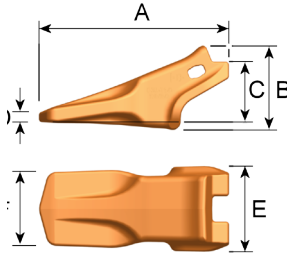
# C5 SPECIFICATIONS Teeth 2/2



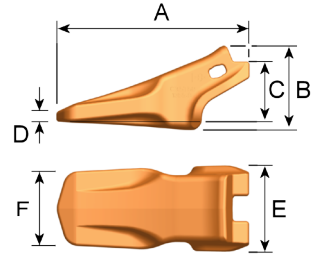
**T45** 



**T48** 








**T50** 



**T58** 

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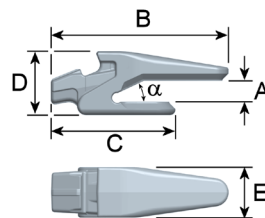
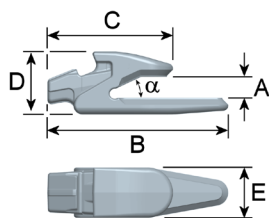
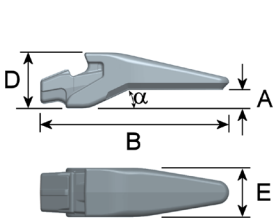
Type	Part. no	 	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm
T45	15145		23.5	380	181	124	17	165	245
T48	15148		27.8	380	175	162	25	167	150
T50	15150		20.2	380	181	125	20	163	142
T58	15158		23.6	385	175	126	25	167	143

Typical machine weight - Excavator 45-75 MT  
Maximum breakout force in HD/XHD 339 kN

Typical machine weight - Wheel loader 45-75 MT  
Maximum breakout force in HD/XHD 418 kN










# C5 SPECIFICATIONS Adapters



AI 

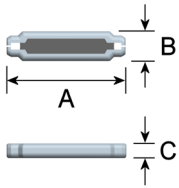
A8E 

A8L 

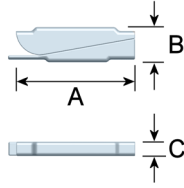
Type	Part. no	 	Weight kg	A mm	$\alpha$ °	B mm	C mm	D mm	E mm	F mm
AI	15001		29.2	65 (65-80) <sup>1)</sup>	30	505	N/A	152	125	N/A
A8L	15006		24.6	65	30	460	260	168	125	N/A
A8E	15007		26.2	70	30	460	308	167	125	N/A
A8E	15008		26.0	75	30	460	308	167	125	N/A
A8E	15009		27.2	60	30	460	306	167	125	N/A

<sup>1)</sup> General recommendation regarding edge thickness is 65-80 mm. However, tooth type T8, T9 and T48 makes it possible to increase the edge thickness with up to 15 mm.

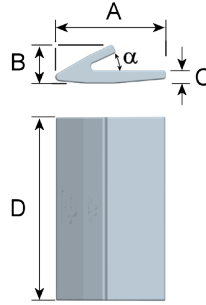
# C5 SPECIFICATIONS Accessories



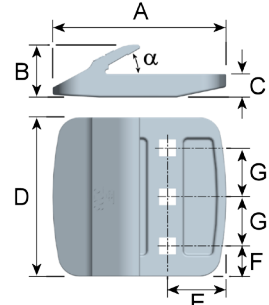
**C-lock**  



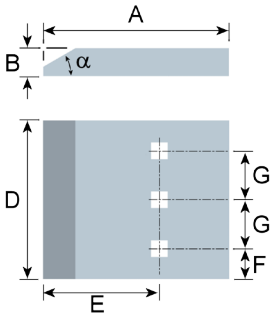
**Slag Lock**  



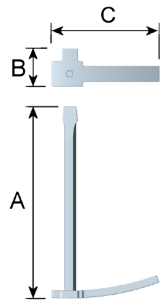
**S4** 



















**15206** 



**15208** 



**C-tool**  

Type	Part. no	 	Weight kg	A mm	$\alpha$ °	B mm	C mm	D mm	E mm	F mm	G mm
C-lock	15316	 	N/A	132	N/A	37	16	N/A	N/A	N/A	
Slag Lock	15307/8	 	N/A	137	N/A	30	16	N/A	N/A	N/A	
S4	15204 <sup>1</sup>	 	18.0	270	30	102	30	180	N/A	N/A	
S4	15205 <sup>1</sup>	 	50.8	270	30	102	30	500	N/A	N/A	
15206	15206 <sup>2</sup>	 	44.0	372	30	113	50	340	126	65	105
15208	15208 <sup>2</sup>	 	58.1	400	N/A	60	N/A	340	250	65	105
C-tool	135403	 	1.0	312	N/A	60	172	N/A		172	

<sup>1</sup>) Cut the shroud into suitable length to fit between the adapters

<sup>2</sup>) Bolt dimension 15206 and 15208 Plowbolt 1 1/4" (kit with bolt/nut/washer art. no. 15309).

# EXCAVATOR TEETH AND ADAPTERS

## ADAPTER

### A1

Versatile, top mounted adapter designed for use in general conditions whenever a smooth surface is required.

### A5

An adapter with long upper and lower legs for use with non-bevelled cutting edges. Uniquely formed with grooves for use with S1 shroud. The shroud is held in place by teeth, meaning that no welding or bolting is required.

### A8E

A 1 1/2 bottom leg adapter. Designed for both general and tough excavation in different types of ground.

## TOOL

### C-TOOL

Tool for driving in and out the locking devices. Simplifies teeth exchange and is recommended for safety reasons.

## LOCK

### C-LOCK

Resetting teeth is made easy with this secure, simple locking device. Consists of forged steel profiles and vulcanised rubber core. The locking centralises in the adapter.

### SLAG LOCK

A heat resistant locking device which is recommended when working in temperatures constantly above +80°C.

## TEETH

### T5

Good penetration and excellent wear resistance from a traditional, chisel shaped tooth. Widely used for general excavation in tough conditions.

### T6

Converts a bucket with teeth into a straight-edged cleaning bucket. Ideal for backfilling and cleaning.

## TEETH

### T7

The tooth for maximum penetration. Makes light work of hard surface layers and frozen ground.

### T8

Maximum wear resistance in highly abrasive ground – particularly suitable where extra wear material is a top priority.

### T25

Used primarily in a corner position in combination with T7, this tooth provides the penetration demanded by hard surfaces.

### T29

In both general and highly abrasive environments. This all-round tooth is popular for its excellent penetration.

## TEETH

### T35

Maximum penetration from a conventionally shaped tooth – perfect for general excavation.

### T45

An extra-wide tooth for excavating and cleaning – penetration and straight-edge performance from a single solution.

### T50

A tooth that combines good penetration with excellent wear resistance. Ideal for general excavation in tough conditions.

### T55

A penetration and wear resistant tooth, particularly suitable for handling blasted material and big rocks.

### T58

Self-sharpening tooth with outstanding wear resistance – particularly suitable for quarries that present highly abrasive ground conditions.

# LOADER TEETH AND ADAPTERS

## ADAPTER

### AI

Versatile, top mounted adapter designed for use in general conditions whenever a smooth surface is required.

### A8L

A 1 1/2 top leg adapter. Designed for both general and tough loading in different types of ground conditions.

### BA

This adapter can be easily bolted to the cutting edge. Primarily intended for applications with low impact levels.

### BAC

A corner adapter that is bolted to the side plate of the bucket. Used in combination with BA.

## LOCK

### C-LOCK

Resetting teeth is made easy with this secure, simple locking device. Consists of forged steel profiles and vulcanised rubber core. The locking centralises in the adapter.

### SLAG LOCK

A heat resistant locking device which is recommended when working in temperatures constantly above +80°C.

## TOOL

### C-TOOL

Tool for driving in and out the locking devices. Simplifies teeth exchange and is recommended for safety reasons.

## TEETH

### T1

Good penetration and excellent wear resistance from a traditional, chisel shaped tooth. Widely used for work in everything from general to highly abrasive ground conditions.

## TEETH

### T2

A tooth with added wear material on the underside – ideal when the lower part of the adapter needs extra protection.

### T3

A general-purpose tooth that, compared to T1, has a wider tip and more wear material on the sides. Suitable for abrasive ground conditions.

### T4

Designed for use in abrasive ground, this tooth withstands high impact loads.

### T8

Maximum wear resistance in highly abrasive ground – particularly suitable where extra wear material is a top priority.

## TEETH

### T9

Penetration tooth with extra wear material on the underside.

### T29

In both general and highly abrasive environments. This all-round tooth is popular for its excellent penetration.

### T48

Outstanding wear resistance combined with a high level of penetration. This tooth provides extra protection for the lower part of the adapter and is ideal where ground conditions are highly abrasive.

# SHROUDS EXCAVATOR & LOADER

## SHROUDS EXCAVATOR

### SI

This shroud can be cut to length and used with adapter A5. The cutting edge is protected and penetration remains unaffected.

### S4

Used to protect the cutting edge between the adapters, this shroud can be welded or bolted in place.

### I6204

This shroud can be cut to length and mounted between adapters. Mounting is by welding to the cutting edge.

## SHROUDS LOADER

### I5206

This shroud is bolted to the cutting edge to provide protection between adapters.

### I5208

A traditionally shaped, bottom mounted shroud that, bolted to the cutting edge, provides protection between adapters.

### I6207

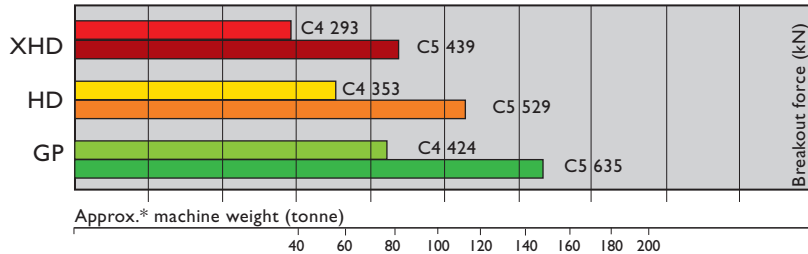
This shroud can be cut to length and mounted between adapters. Mounting is by welding to the cutting edge.

# APPLICATIONS TABLE

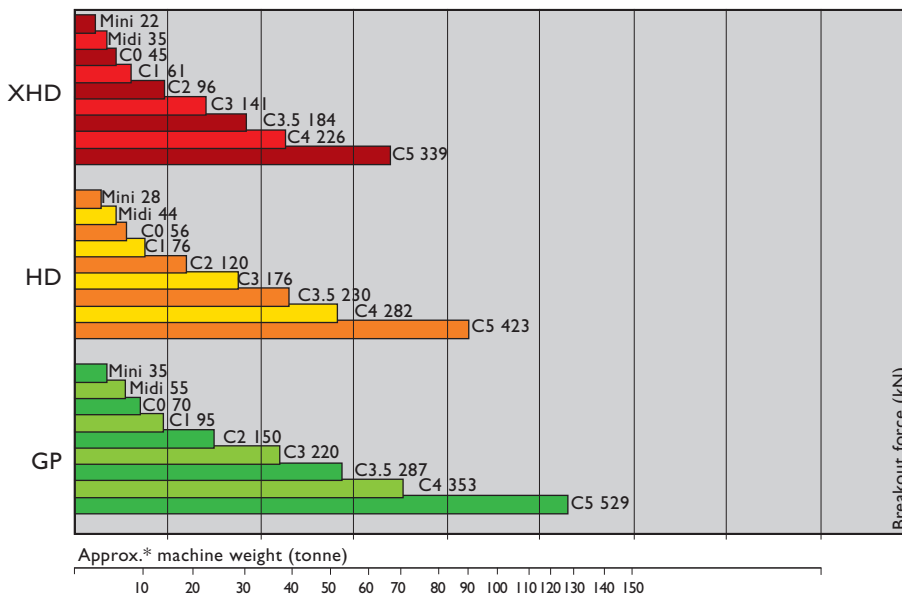
APPLICATIONS TABLE Based on DIN 18300 ground classification			
Ground classification	Description of ground conditions	Working conditions	Application
Class 1 Top soil without stones	Top layer of soil.	Very little wear. Very little penetration resistance. No impact resistance.	GP
Class 2 Wet ground	Sludge, mud, peat.	Little wear. Very little penetration resistance. No impact resistance.	GP
Class 3 Light ground	Sand, fine gravel, sandy soil. Stone size up to approx. 60 mm	Moderate wear. Little penetration resistance. No impact resistance.	GP
Class 4 Moderately heavy ground	Very stony ground, gravel, stones. Stone size above 60 mm.	Considerable wear. Some penetration resistance. Moderate impact resistance.	GP / HD
Class 5 Dense, moderately heavy ground	Till, rigid clay, sand-clay mix, moraine, marl.	Considerable wear. Moderate penetration resistance. Little impact, some break through resistance.	HD
Class 6 Dense, heavy ground	Hard marl and clay, hard sandy ground, hard stony soil. Stone size up to approx. 200 mm.	Considerable wear. Considerable penetration resistance. Considerable impact and break through resistance.	HD
Class 7 Lighter rock	Loose rock, crumbled rock, slate. Very hard ground with stones, approx. 200 mm or bigger.	Usually considerable wear. Considerable penetration resistance. Considerable impact and break through resistance.	XHD
Class 8 Heavy rock	Blasted rock, size over 0,1 m <sup>3</sup> .	Very significant wear. Considerable penetration resistance. Very significant impact and break through resistance.	XHD

# BREAKOUT FORCE DIAGRAM

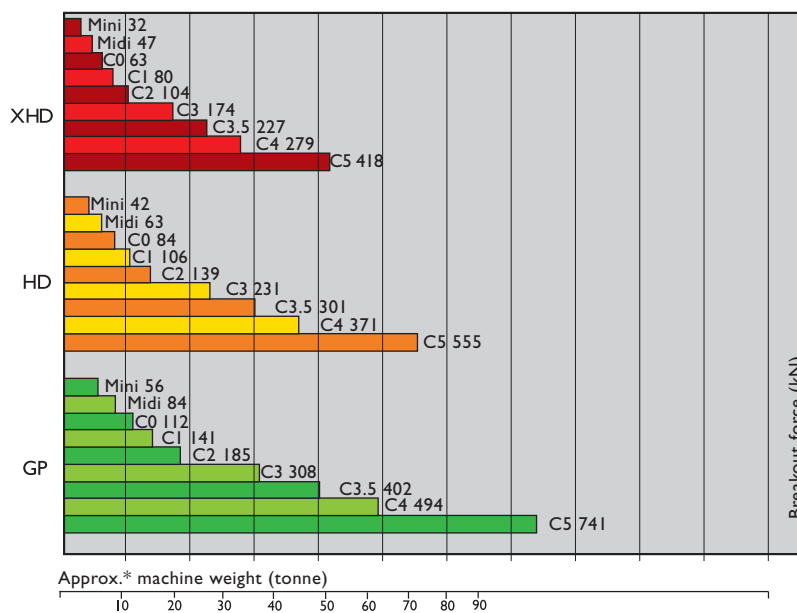
## Excavator face shovel



## Excavator Back hoe



## Loader



\* Machine weight is included as information. The break out force of the machine is that which determines the COMBI size required. See applications table for explanations of GP, HD and XHD.