

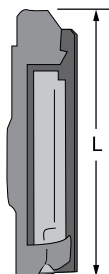
### V33 Points

PART ID	DESCRIPTION*	A	B	C	D	WEIGHT
		LENGTH	BIT WIDTH	BIT THICKNESS	WIDTH AT EARS	
		mm / in	mm / in	mm / in	mm / in	kg / lb
V33AD	Abrasion Penetration NCL	245 / 9.66	65 / 2.55	26 / 1.01	108 / 4.25	9 / 20
V33AR	Abrasion Rock NCL	241 / 9.50	130 / 5.12	35 / 1.38	108 / 4.25	11 / 24
V33RYL	Standard Rock CL	209 / 8.24	102 / 4.00	23 / 0.90	108 / 4.25	6 / 14
V33S7F	Flare CL	254 / 10.00	178 / 7.00	12 / 0.47	108 / 4.25	9 / 20
V33SDX	Chisel Heavy CL	238 / 9.38	66 / 2.60	31 / 1.22	108 / 4.25	7 / 15
V33SHV	Penetration Abrasion CL	231 / 9.10	114 / 4.50	38 / 1.51	108 / 4.25	8 / 18
V33SYL	General Purpose Long CL	231 / 9.10	102 / 4.00	21 / 0.81	108 / 4.25	6 / 14
V33TVY	Twin Pick NCL	264 / 10.39	116 / 4.55	20 / 0.79	108 / 4.25	6 / 14
V33TVYH	Twin Pick Heavy NCL	232 / 9.12	113 / 4.45	20 / 0.79	109 / 4.30	6 / 13
V33TYL	General Purpose NCL	231 / 9.10	114 / 4.50	13 / 0.52	108 / 4.25	7 / 16
V33TYLCE	Non-Twist Long GP NCL	231 / 9.10	114 / 4.50	13 / 0.52	108 / 4.25	7 / 15
V33VY	Pick NCL	264 / 10.39	12 / 0.49	20 / 0.79	108 / 4.25	5 / 12
V33VYH	Pick Heavy NCL	232 / 9.12	14 / 0.56	24 / .95	109 / 4.30	5 / 12

\*CL: Centerline Design; NCL: Non-Centerline Design

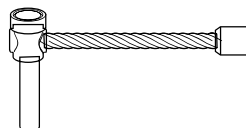
### Locking Pin

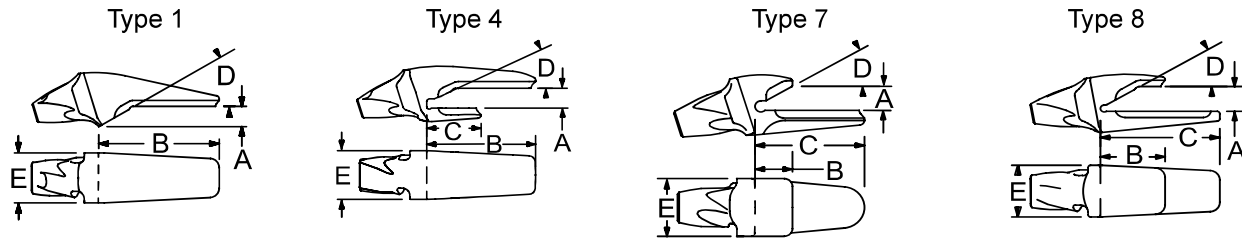
PART ID	DESCRIPTION	L LENGTH mm/in	WEIGHT kg/lb
V33PN	Super V Pin	86 / 3.38	.12 / .28



### Pin Removal Tool

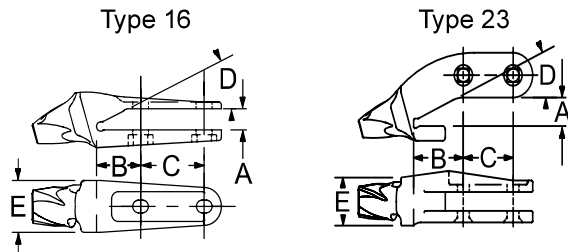
PART ID	DESCRIPTION	WEIGHT kg/lb
V13-V33RT-1	Pin Removal Tool	2.0 / 4.3





### Weld-on Adapters

PART ID	TYPE	DESCRIPTION	A LIP THICKNESS mm/in	B TOP LEG mm/in	C BOTTOM LEG mm/in	D RAMP ANGLE deg	E ADAPTER WIDTH mm/in	NOSE ANGLE deg	WEIGHT kg/lb	MACHINE TYPE
<b>Excavator</b>										
5855-V33	8	1-1/2 Bottom Leg	38 / 1.50	127 / 5.00	235 / 9.25	30	102 / 4.00	10	11 / 25	EXC
3810A-V33	4	1-1/2 Top Leg	45 / 1.75	216 / 8.50	114 / 4.50	30	102 / 4.00	10	11 / 25	EXC
3882A-V33	4	1-1/2 Top Leg	40 / 1.57	216 / 8.50	114 / 4.50	30	102 / 4.00	10	11 / 25	EXC
3872A-V33	7	Bottom Leg	40 / 1.57	56 / 2.21	216 / 8.50	30	102 / 4.00	10	9.5 / 21	EXC
<b>Wheel Loader</b>										
8831-V33	1	Flushmount	40-45 / 1.50-1.75	235 / 9.25	N/A	22-25	102 / 4.00	17	13 / 28	VOLVO L220D/E
3892-V33	1	Flushmount	45-50 / 1.75-2.00	286 / 11.25	N/A	22-25	102 / 4.00	17	15 / 32	FEL
8832-V33	4	1-1/2 Top Leg	51 / 2.00	216 / 8.50	114 / 4.50	22.5	102 / 4.00	17	13 / 28	VOLVO L220D/E
<b>Misc</b>										
3802-V33	1	Flushmount	51 / 2.00	216 / 8.50	114 / 4.50	22.5	102 / 4.00	17	13 / 28	CLAMSHELL



### Bolt-on Adapters

PART ID	TYPE	DESCRIPTION	A LIP THICKNESS mm/in	B 1st BOLT HOLE mm/in	C 2nd BOLT HOLE mm/in	D RAMP ANGLE deg	E ADAPTER WIDTH mm/in	NOSE ANGLE deg	WEIGHT kg/lb	BOLTS (qty) SIZE (in)	MACHINE TYPE
8719-V33	16	2 Leg 2 Bolt	40 / 1.57	116 / 4.57	100 / 3.94	25	95 / 3.75	17	12 / 27	(2) 1X4 H	VOLVO L220D/E
5773-V33	23	2 Leg Comer 2 Bolt	40 / 1.57	157 / 6.18	81 / 3.19	25	95 / 3.75	17	17 / 37	(2) 1X4 H	VOLVO L220D/E

### Weld-on Nose

PART ID	DESCRIPTION	A WIDTH mm/in	B HEIGHT mm/in	C J-GROOVE mm/in	WEIGHT kg/lb
WN-V33	Weldon Nose	102 / 4.00	103 / 4.05	25 / 1.00	5 / 12

