

GERMAN VEHICLE AND GUN CHARTS

RAPID FIRE!

GUNS			
Description	AT / HE Value	Points	
50mm mortar	HE 6 points table 4	3	Minimum range 3", maximum range 18"
81mm mortar	HE 8 points table 4	8	Minimum range 6", maximum range 48"
120mm mortar	HE 12 points table 4	12	Minimum range 6", maximum range 60"
Panzerfaust anti-tank rocket launcher	Anti-tank launcher	-	Maximum range 6", one shot weapon
Panzerschreck anti-tank rocket launcher	Anti-tank launcher	3	Maximum range 6"
'Puppchen' 88mm anti-tank	Anti-tank launcher	5	Maximum range 10"
20mm Flak 36 anti-aircraft	Autocannon	8	
Quad 20mm anti-aircraft	Multiple autocannon	12	
37mm Flak 37/37 anti-aircraft	AT class 5 / autocannon	8	
88mm Flak 36/41 dual purpose	AT class 2 / HE 12 points table 4	12	AT ranges 0 - 12", 12 - 36", 36 - 60". HE bands 6 x 10"
37mm PaK 36 anti-tank	AT class 5 / HE 6 points table 4	4	From late 1943 may fire hollow charge rocket Ranges 0 - 4", 4 - 8", 8 - 12" AT class 2 / medium gun
28mm sPzB cone bore anti-tank	AT class 4	6	Maximum range 12". No short or long range
47mm PaK 36(t) anti-tank	AT class 4 / HE 6 points table 4	6	Ex Czechoslovakian
75mm PaK 97/38 anti-tank	AT class 3 / HE 10 points table 4	8	Ex French
50mm PaK 38 anti-tank	AT class 3 / HE 6 points table 4	6	
75mm PaK 40 anti-tank	AT class 2 / HE 10 points table 4	10	
88mm PaK 43 anti-tank	AT class 1 / 12 points table 4	12	AT ranges 0 - 12", 12 - 36", 36 - 60". HE bands 6 x 10"
76.2mm Pak 36(r) anti-tank	AT class 2 / HE 10 points table 4	10	Ex Russian
75mm FK 16 field gun	AT class 4 / HE 10 points table 4	8	
75mm infantry / Geb IG 18 mountain	AT class 5 / HE 10 points table 4	8	Geb is a mountain gun which may be broken down into three loads. Maximum range for IDF is 72"
75mm LG40 recoilless	AT class 4 / HE 10 points table 4	8	Paratroop artillery. Maximum range for IDF is 72"
75mm Geb 15 and 36 mountain	AT class 4 / HE 10 points table 4	8	As Geb 18 above
105mm anti-aircraft	AT class 1 / 12 points table 4	12	AT ranges 0 - 12", 12 - 36", 36 - 60". HE bands 6 x 10"
105mm FH 18 howitzer	AT class 3 / 12 points table 4	12	
105mm LG42 recoilless	AT class 3 / 12 points table 4	12	Paratroop artillery. Maximum range for IDF is 72"
150mm sIG 33 infantry gun	AT class 3 / 12 points table 5	14	Maximum range for IDF is 72"
150mm sFH 18 howitzer	12 points table 5	14	IDF only
Nebelwerfer multiple rocket launcher	MRL*	14	Maximum range for IDF is 72"

* Fires twice in alternate turns.

ANTI-AIRCRAFT VEHICLES					
Vehicle (Main Weapon)	Speed	Armour	Hull (and Other) Weapons	Turret Weapons	Points
Sdkfz 10/4 SP 20mm AA	30 / 15	F	-	Autocannon	10
Sdkfz 10/4 SP 20mm AA (armoured)	30 / 15	E	-	Autocannon	12
Sdkfz 7/1 SP quad 20mm AA halftrack	30 / 15	F	-	Multiple autocannon	14
Sdkfz 7/1 SP quad 20mm AA halftrack (armoured)	30 / 15	E	-	Multiple autocannon	16
Sdkfz 7/2 SP 37mm AA halftrack	30 / 15	F	-	AT class 4 / autocannon	10
Sdkfz 7/2 SP 37mm AA halftrack (armoured)	30 / 15	E	-	AT class 4 / autocannon	12
Flakpanzer 38t (20mm)	24 / 12	D	-	Autocannon	14
Mobelwagen (37mm)	24 / 12	D *	VMG	AT class 4 / autocannon	17
Wirbelwind (quad 20mm)	24 / 12	D	VMG	Multiple autocannon	21
Ostwind (37mm)	24 / 12	D	VMG	AT class 4 / autocannon	17
Sdkfz 251/17 half-track (20mm)	30 / 15	E *	-	Autocannon	12
Sdkfz 251/21 (triple 15mm)	30 / 15	E	-	Multiple MG	16
SW5 half-track (20mm)	18 / 9	E *	-	Autocannon	12
Mercedes L4500A SP AA (37mm)	24/12	E *	-	AT class 4 / autocannon	12

* F if Firing

SELF-PROPELLED GUNS AND TANK DESTROYERS

Vehicle (Main Weapon)	Speed	Armour	Hull Weapons	Points
Marder I (47mm)	24 / 12	E	AT class 4 / HE 6 points table 4	10
Marder II (75mm)	24 / 12	E	AT class 2 / HE 10 points table 4	14
Marder III (76.2mm)	30 / 15	E	AT class 2 / HE 10 points table 4 (orVMG)	14
Marder III (75mm)	24 / 12	E	AT class 2 / HE 10 points table 4	14
Nashorn (88mm) *	24 / 12	E	AT class 1 / 12 points table 4 *	16
Jagdpanzer 38t Hetzer (75mm)	24 / 12	C	AT class 2 / HE 10 points table 4	18
Jagdpanzer IV (75mm)	24 / 12	B	AT class 2 / HE 10 points table 4	20
Panzer IV/70(V) (75mm) *	24 / 12	B	AT class 1 / HE 6 points table 4 *	22
Panzer IV/70(A) (75mm) *	24 / 12	B	AT class 1 / HE 6 points table 4 *	22
Jagdpanther (88mm) *	30 / 15	B	AT class 1 / 12 points table 4 * (orVMG)	24
Ferdinand (88mm) *	18 / 9	B	AT class 1 / 12 points table 4 * (orVMG from late 1943)	22
Jagdtiger (128mm) *	18 / 9	A	AT class 1 / HE 12 points table 4 *	24
StuG III (short 75mm)	24 / 12	C	AT class 4 / HE 10 points table 4	16
StuG III (long 75mm)	24 / 12	C	AT class 2 / HE 10 points table 4 (orVMG from early 1944)	16
Stug III (105mm)	24 / 12	C	AT class 3 / 12 points table 4 (orVMG from early 1944)	20
Lorraine SP AT (75mm)	24 / 12	E	AT class 2 / HE 10 points table 4	14
R35 SP AT (47mm)	18 / 9	E	AT class 4 / HE 6 points table 4	12
39H SP AT (75mm)	24 / 12	D	AT class 2 / HE 10 points table 4	16
Panzer I / Panzer II sIG 33 (150mm) **	24 / 12	E	HE 12 points table 5	18
Bison/Grille sIG 33 (150mm) **	24 / 12	E	HE 12 points table 5	18
StuG 33 (150mm)	24 / 12	C	AT class 3 / HE 12 points table 5	22
Brummbar (short 150mm)	24 / 12	B	HE 12 points table 5 (orVMG from early 1944)	24
Sturmmorser Tiger (380mm)	18 / 9	A	HE 12 points table 5	26
Wespe (105mm)	24 / 12	E	AT class 3 / HE 12 points table 4	16
Lorraine SP howitzer (105mm)	24 / 12	E	AT class 3 / HE 12 points table 4	16
Hummel (150mm)	24 / 12	E	HE 12 points table 5	18
Lorraine SP howitzer (150mm) **	24 / 12	E	AT class 3 / 12 points table 5	18

* AT ranges are: short 0 -12", medium 12 - 36", long 36 - 60". HE bands are: 6 x 10".

** Maximum range for IDF is 72"

TANKS

Vehicle (Main Weapon)	Speed	Armour	Hull (and Other) Weapons	Turret Weapons	Points
Panzer I (MGs)		E	-	2 x VMG	8
Panzer II (20mm)	24 / 12	E	-	Autocannon	8
Panzer II Luchs (20mm)	30 / 15	D	-	Autocannon	8
Flammpanzer II (flamethrower)	24 / 12	E	Flamethrower	VMG	15
Panzer 35t (37mm)	24 / 12	D	VMG	AT class 5 / HE 6 points table 4 (orVMG)	15
Panzer 38t (37mm)	24 / 12	D	VMG	AT class 5 / HE 6 points table 4 (orVMG)	15
Hotchkiss H-38 (37mm) *	24 / 12	D	-	AT class 5 / HE 6 points table 4 (orVMG)	12
Somua S-35 (47mm) *	24 / 12	D	-	AT class 4 / HE 6 points table 4 (orVMG)	12
Panzer III (37mm)	24 / 12	D	VMG	AT class 5 / HE 6 points table 4 (orVMG)	15
Panzer III (short 50mm)	24 / 12	C	VMG	AT class 4 / HE 6 points table 4 (orVMG)	17
Panzer III (long 50mm)	24 / 12	C	VMG	AT class 3 / HE 6 points table 4 (orVMG)	19
Panzer III N (short 75mm)	24 / 12	C	VMG	AT class 4 / HE 10 points table 4 (orVMG)	19
Flammpanzer III (flamethrower)	24 / 12	C	VMG	Flamethrower (orVMG)	19
Panzer IV (short 75mm)	24 / 12	C	VMG	AT class 4 / HE 10 points table 4 (orVMG)	19
Panzer IV (long 75mm)	24 / 12	C	VMG	AT class 2 / HE 10 points table 4 (orVMG)	21
Panzer V Panther (75mm) **	30 / 15	B	VMG	AT class 1 / HE 8 points table 4 (orVMG)	27
M10 Panther (Battle of the Bulge)	30 / 15	B	VMG	AT class 1 / HE 6 points table 4 (orVMG)	27
Char B-1 (47mm/flamethrower) *	18 / 9	B	Flamethrower	AT class 4 / HE 6 points table 4 (orVMG)	23
Panzer VI Tiger I (88mm) **	18 / 9	B	VMG	AT class 2 / HE 12 points table 4 (orVMG)	25
Panzer VI Tiger II (88mm) **	18 / 9	A	VMG	AT class 1 / HE 12 points table 4 (orVMG)	27
Maus (128mm / 75mm) **	18 / 9	A	VMG	AT class 1 / HE 12 points table 5	27

* Move not move in the same turn the turret gun is fired

** AT ranges are: short 0 -12", medium 12 - 36", long 36 - 60". HE bands are: 6 x 10"

COMMAND, OP, RECOVERY AND ENGINEERING VEHICLES

Vehicle (Main Weapon)	Speed	Armour	Hull (and Other) Weapons	Turret Weapons	Points
Panzer I command	24 / 12	E	VMG	-	7
Panzer I demolition tank	24 / 12	E	-	2 xVMG	7
Panzer III command (VMG)	24 / 12	D	VMG	-	9
Panzer 38t command	24 / 12	D	-	AT class 5 / HE 6 points table 4 (or VMG)	12
Panzer III command (long 50mm)	24 / 12	C	VMG	AT class 3 / HE 6 points table 4 (or VMG)	17
Panzer IV command (75mm)	24 / 12	C	VMG	AT class 2 / HE 10 points table 4 (or VMG)	21
Panther command (75mm)	30 / 15	B	VMG	AT class 1 / HE 6 points table 4 (or VMG)	27
Sdkfz 251/3 command half-track	30 / 15	E	VMG	-	7
Panzer I OP (converted command)	24 / 12	E	VMG	-	7
Panzer I OP	24 / 12	E	-	2 xVMG	13
Panzer II OP (20mm)	30 / 15	E	-	Autocannon	13
Panzer III OP (MG)	24 / 12	C	VMG	VMG	19
Panzer IV OP (75mm)	24 / 12	C	VMG	AT class 2 / HE 10 points table 4 (or VMG)	26
Panther OP (MG)	30 / 15	B	VMG	VMG	23
Sdkfz 250/5 OP half-track	30 / 15	E	VMG	-	14
Sdkfz 253 OP half-track	30 / 15	E	-	-	9
Sdkfz 254 OP wheel / track	24 / 12	E	VMG	-	12
Sdkfz 263 command armoured car	30 / 15	E	VMG	-	7
Sdkfz 262 command armoured car	30 / 15	E	VMG	-	7
Bergepanzer III	24 / 12	D	VMG	-	9
Bergepanther	30 / 15	B	VMG	-	15
Panzer I demolition tank	24 / 12	E	-	2 xVMG	7

RECONNAISSANCE VEHICLES AND ARMoured PERSONNEL CARRIERS

Vehicle (Main Weapon)	Speed	Armour	Hull (and Other) Weapons	Turret Weapons	Points
Sdkfz 14 armoured car (VMG)	30 / 15	E	VMG	-	7
Sdkfz 231/2 armoured car (20mm)	24 / 12	E	-	Autocannon	8
Sdkfz 221 armoured car (MG)	30 / 15	E	-	VMG	7
Sdkfz 221 armoured car (28mm)	30 / 15	E	AT class 4	-	10
Sdkfz 222 armoured car (20mm)	30 / 15	E	-	Autocannon	8
Sdkfz 231/2 armoured car (20mm)	30 / 15	E	-	Autocannon	8
Sdkfz 233 armoured car (short 75mm)	30 / 15	E	AT class 4 / HE 10 points table 4	-	12
Sdkfz 234/1 armoured car (20mm)	30 / 15	D	-	Autocannon	10
Sdkfz 234/2 Puma armoured car (50mm)	30 / 15	D	-	AT class 3 / light gun (or VMG)	14
Sdkfz 234/3 armoured car (short 75mm)	30 / 15	D	AT class 4 / HE 10 points table 4	-	14
Sdkfz 234/4 armoured car (long 75mm)	30 / 15	D	AT class 2 / HE 10 points table 4	-	16
Panhard 178 armoured car (20mm)	30 / 15	E	-	Autocannon	8
Recce 38t (20mm)	24 / 12	D	-	Autocannon	10
Sdkfz 250/1 half-track	30 / 15	E	VMG *	-	7
Sdkfz 250/8 (short 75mm) half-track	30 / 15	E	AT class 4 / HE 10 points table 4	-	12
Sdkfz 250/9 (20mm) half-track	30 / 15	E	-	Autocannon	8
Sdkfz 250/10 (37mm) half-track	24 / 12	E	AT class 5 / HE 6 points table 4	-	10
Sdkfz 251/1 half-track	24 / 12	E	VMG *	-	7
Sdkfz 251/2 (mortar) half-track	30 / 15	E	HE 8 points table 4 (or VMG *)	-	12
Sdkfz 251/9 (short 75mm) half-track	30 / 15	E	AT class 4 / HE 10 points table 4	-	12
Sdkfz 251/10 (37mm) half-track	30 / 15	E	AT class 5 / HE 6 points table 4	-	10
Sdkfz 251/16 half-track (flame-thrower)	30 / 15	E	Flamethrower (or VMG)	-	12
Sdkfz 251/22 half-track (long 75mm)	30 / 15	E	AT class 2 / HE 10 points table 4	-	12
Sdkfz 6 Diana (76.2mm)	24 / 12	E	AT class 2 / HE 10 points table 4	-	12

21ST PANZER IN NORMANDY

Vehicle (Main Weapon)	Speed	Armour	Hull (and Other) Weapons	Turret Weapons	Points
SPW U304(f) P107 half-track	24 / 12	E	VMG	-	7
SPW U304(f) P107 (37mm) half-track	24 / 12	E	AT class 5 / HE 6 points table 4	-	10
SPW U304(f) P107 command half-track	24 / 12	E	-	-	4
SPW U304(f) P107 (20mm AA) half-track	24 / 12	E	-	Autocannon	12
SPW S307(f) Somua (75mm) half-track	24 / 12	E	AT class 2 / HE 10 points table 4	-	16
SPW S307(f) Somua (multiple mortar) HT*	24 / 12	E	HE 8 points table 4 (x 4)	-	14
SPW S303(f) Somua (multiple rocket launcher) half-track	24 / 12	E	MRL	-	14
GW 39H(f) Hotchkiss (75mm) SP	24 / 12	D	AT class 2 / HE 10 points table 4		16
GW 39H(f) Hotchkiss (105mm) SP	24 / 12	D	AT class 3 / HE 12 points table 4		18
GW Lorraine Schlepper (f) SP howitzer (150mm)**	24 / 12	E	AT class 3 / 12 points table 5		18

* Fires an alternate turns

** Maximum range for IDF is 72"

GERMAN AIRCRAFT

From	Description	Type (air-to-air combat)	Ground Attack Armament	Points
1939	Messerschmitt Me 109 E-F	Superior fighter	2 x HMG and single 20mm autocannon	24
	Messerschmitt Me Bf 110	Fighter	4 x MMG and multiple 20mm autocannon	22
	Henschel Hs 123 *	Ground attack (light bomber)	2 x MMG, 2 x small bomb	20
	Junkers Ju 87 Stuka	Dive bomber (light bomber)	2 x MMG, 2 x light bomb and 1 x medium bomb (or 1 x heavy bomb)	24
	Junkers Ju 88	Medium bomber	2 x MMG, 6 x medium bomb (or 3 x heavy bomb)	32
	Arado Ar 196 float plane	Light bomber	Multiple 20mm autocannon, 2 x small bomb	24
	Heinkel He 115 float plane	Light bomber	Single 20mm autocannon, 6 x light bomb (or 3 x medium bomb)	24
	Henschel Hs 126	AOP	None	15
	Fiesler Storch	AOP	None	15
1941	Focke-Wulf FW 190 A-F	Superior fighter	4 x HMG and multiple 20mm autocannon	24
	Messerschmitt Me Bf 110 C-4 / B *	Ground attack (Fighter)	4 x MMG and multiple 20mm autocannon. 2 x medium bomb	24
1942	Messerschmitt Me 109 G *	Superior fighter bomber	4 x MMG and single 30mm autocannon, 1 x medium bomb	26
	Focke-Wulf FW 190 G *	Superior fighter bomber	2 x HMG and multiple 20mm autocannon, 2 x medium bomb (or 1 x heavy bomb)	26
	Messerschmitt Me 110 G	Ground attack (fighter)	2 x MMG and 2 x 30mm autocannon	20
	Henschel Hs 129 *	Ground attack (light bomber)	2 x MMG, multiple 20mm and single 30mm auto- cannon, 2 x light bomb	22
	Focke-Wulf Fw 189 UHU	Light bomber	2 x light bomb	12
	Focke-Wulf Fw 189 UHU	AOP	None	15
1943	Junkers Ju 87 Stuka G-I	Ground attack (light bomber)	Twin 37mm gun	22
1944	Henschel Hs 129 B-2 / R4	Ground attack (light bomber)	2 x MMG and multiple 20mm autocannon / 75mm gun	22
	Messerschmitt Me 262 *	Ground attack (superior fighter)	Twin 30mm autocannon, 2 x medium bomb (or 1 x heavy bomb)	28

* May bomb at low altitude. Treat as dive bomber, but hit for D6 throw of 5 or 6. Can be driven off by anti-aircraft fire.