

RAPID FIRE! RELOADED

GERMAN VEHICLE AND GUN CHARTS

GUNS			
Description	AT / HE Value	Points	
50mm mortar	HE 2 x D6	3	Minimum range 6", maximum range 18"
81mm mortar	HE 4 x D6	8	Minimum range 6", maximum range 48"
120mm mortar	HE 5 x D6	12	Minimum range 6", maximum range 60"
Panzerfaust anti-tank rocket launcher	AT class 2 / HE 4 x D6	-	Maximum range 6", one shot weapon
Panzerschreck anti-tank rocket launcher	AT class 2 / HE 4 x D6	3	Maximum range 6"
'Puppchen' 88mm anti-tank	AT class 2 / HE 4 x D6	5	Maximum range 10"
20mm Flak 36 anti-aircraft	AT class 6* / autocannon	8	
37mm Flak 37/37 anti-aircraft	AT class 4 / autocannon	8	
88mm Flak 36/41 dual purpose	AT class 2 / HE 5 x D6	12	AT ranges 0 - 12", 12 - 36", 36 - 60". HE bands 6 x 10"
37mm PaK 36 anti-tank	AT class 5 / HE 2 x D6	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 2 x D6	6	Ex Czechoslovakian
75mm PaK 97/38 anti-tank	AT class 3 / HE 4 x D6	8	Ex French
50mm PaK 38 anti-tank	AT class 3 / HE 3 x D6	6	
75mm PaK 40 anti-tank	AT class 2 / HE 4 x D6	10	
88mm PaK 43 anti-tank	AT class 1 / HE 5 x D6	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 4 x D6	10	Ex Russian
75mm FK 16 field gun	AT class 4 / HE 4 x D6	8	
75mm infantry / Geb IG 18 mountain	AT class 5 / HE 4 x D6	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 4 x D6	8	Paratroop artillery. Maximum range for IDF is 72"
75mm Geb 15 and 36 mountain	AT class 4 / HE 4 x D6	8	As Geb 18 above
105mm anti-aircraft	AT class 1 / HE 5 x D6	12	AT ranges 0 - 12", 12 - 36", 36 - 60". HE bands 6 x 10"
105mm FH 18 howitzer	AT class 3 / HE 5 x D6	12	
100mm K18 gun	AT class 2 / HE 5 x D6	12	
105mm LG42 recoilless	AT class 3 / HE 5 x D6	12	Paratroop artillery. Maximum range for IDF is 72"
150mm sIG 33 infantry gun	AT class 3 / HE 6 x D6	14	Maximum range for IDF is 72"
150mm sFH 18 howitzer	HE 6 x D6	14	IDF only
170mm Kanone 18	HE 6 x D6	14	IDF only
210mm Morser 18	HE 6 x D6	14	IDF only
Nebelwerfer multiple rocket launcher	HE 5 x D6	14	Maximum range for IDF is 72"

* AT ranges are: short 0 - 12", medium 12 - 30", no long range effect

COMMAND, OP AND RECOVERY VEHICLES

Vehicle (Main Weapon)	Speed	Armour	Hull (and Other) Weapons	Turret Weapons	Points
Panzer I command	24 / 12	5		VMG	7
Panzer III command (VMG)	24 / 12	4	VMG	VMG	12
Panzer III command (long 50mm)	24 / 12	3	VMG	AT class 3 / HE 3 x D6 (or VMG)	17
Panzer IV command (75mm)	24 / 12	3	VMG	AT class 2 / HE 4 x D6 (or VMG)	21
Panther command (75mm)	30 / 15	2	VMG	AT class 1 / HE 3 x D6 (or VMG)	27
Sdkfz 251/3 command half-track	30 / 15	5	VMG	-	7
Panzer I OP	24 / 12	5	-	2 x VMG	13
Panzer II OP (20mm)	30 / 15	5	-	AT class 6* / autocannon	13
Panzer III OP (MG)	24 / 12	3	VMG	VMG	19
Panzer IV OP (75mm)	24 / 12	3	VMG	AT class 2 / HE 4 x D6 (or VMG)	26
Panther OP (MG)	30 / 15	2	VMG	VMG	23
Sdkfz 250/5 OP half-track	30 / 15	5	VMG	-	14
Sdkfz 253 OP half-track	30 / 15	5	-	-	9
Sdkfz 254 OP wheel / track	24 / 12	5	VMG	-	12
Sdkfz 263 command armoured car	30 / 15	5	VMG	-	7
Sdkfz 262 command armoured car	30 / 15	5	VMG	-	7
Bergepanzer III	24 / 12	4	VMG	-	9
Bergepanther	30 / 15	2	VMG	-	15

* AT ranges are: short 0 - 12", medium 12 - 30", no long range effect

SELF-PROPELLED GUNS AND TANK DESTROYERS

Vehicle (Main Weapon)	Speed	Armour	Hull Weapons	Points
Marder I (47mm)	24 / 12	5	AT class 4 / HE 3 x D6	10
Marder II (75mm)	24 / 12	5	AT class 2 / HE 4 x D6	14
Marder III (76.2mm)	30 / 15	5	AT class 2 / HE 4 x D6	14
Marder III (75mm)	24 / 12	5	AT class 2 / HE 4 x D6	14
Nashorn (88mm) *	24 / 12	5	AT class 1 / HE 5 x D6 *	16
Jagdpanzer 38t Hetzer (75mm)	24 / 12	3 / 5 ****	AT class 2 / HE 4 x D6	16
Jagdpanzer IV (75mm)	24 / 12	2	AT class 2 / HE 4 x D6	20
Panzer IV/70(V) (75mm) *	24 / 12	2	AT class 1 / HE 3 x D6 *	22
Panzer IV/70(A) (75mm) *	24 / 12	2	AT class 1 / HE 3 x D6 *	22
Jagdpanther (88mm) *	30 / 15	2	AT class 1 / HE 5 x D6 * (orVMG)	24
Ferdinand (88mm) *	18 / 9	2	AT class 1 / HE 5 x D6 * (orVMG from late 1943)	22
Jagdtiger (128mm) *	18 / 9	1	AT class 1 / HE 6 x D6 *	24
StuG III (short 75mm)	24 / 12	3	AT class 4 / HE 4 x D6	16
StuG III (long 75mm)	24 / 12	3	AT class 2 / HE 4 x D6 (orVMG from early 1944)	16
StuG III (105mm)	24 / 12	3	AT class 3 / HE 5 x D6 (orVMG from early 1944)	20
Lorraine SP AT (75mm)	24 / 12	5	AT class 2 / HE 4 x D6	14
R35 SP AT (47mm)	18 / 9	5	AT class 4 / HE 3 x D6	12
39H SP AT (75mm)	24 / 12	4	AT class 2 / HE 4 x D6	16
Panzer I / Panzer II sIG 33 (150mm) **	24 / 12	5	HE 6 x D6	18
Bison/Grille sIG 33 (150mm) **	24 / 12	5	HE 6 x D6	18
StuG 33 (150mm)	24 / 12	3	AT class 3 / HE 6 x D6	22
Brummbar (short 150mm)	24 / 12	2	HE 6 x D6 (orVMG from early 1944)	24
Sturmmorser Tiger (380mm)	18 / 9	1	HE 6 x D6	26
Wespe (105mm)	24 / 12	5	AT class 3 / HE 5 x D6	16
Lorraine SP howitzer (105mm)	24 / 12	5	AT class 3 / HE 5 x D6	16
Hummel (150mm)	24 / 12	5	HE 6 x D6	18
Lorraine SP howitzer (150mm) **	24 / 12	5	AT class 3 / 6 x D6	18
'Bufla' 18 ton half-track (88mm) ***	24 / 12	5	AT class 2 / HE 5 x D6	16

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

** Maximum range for IDF is 72"

*** Vehicle armoured. Crew only behind armoured gunshield when firing.

**** Armour class 5 when fired at from the side or rear. (i.e. from a line drawn across the front of the vehicle)

TANKS

Vehicle (Main Weapon)	Speed	Armour	Hull (and Other) Weapons	Turret Weapons	Points
Panzer I (MGs)	24 / 12	5	-	2 x VMG	8
Panzer II (20mm)	24 / 12	5	-	AT class 6***/ autocannon	8
Panzer II Luchs (20mm)	30 / 15	4	-	AT class 6***/ autocannon	8
Flammpanzer II (flamethrower)	24 / 12	5	Flamethrower	VMG	15
Panzer 38t (37mm)	24 / 12	4	VMG	AT class 5 / HE 2 x D6 (orVMG)	15
Hotchkiss H-38 (37mm) *	24 / 12	4	-	AT class 5 / HE 2 x D6 (orVMG)	12
Somua S-35 (47mm) *	24 / 12	4	-	AT class 4 / HE 3 x D6 (orVMG)	12
Panzer III (37mm)	24 / 12	4	VMG	AT class 5 / HE 2 x D6 (orVMG)	15
Panzer III (short 50mm)	24 / 12	3	VMG	AT class 4 / HE 3 x D6 (orVMG)	17
Panzer III (long 50mm)	24 / 12	3	VMG	AT class 3 / HE 3 x D6 (orVMG)	19
Panzer III N (short 75mm)	24 / 12	3	VMG	AT class 4 / HE 4 x D6 (orVMG)	19
Flammpanzer III (flamethrower)	24 / 12	3	VMG	Flamethrower (orVMG)	19
Panzer IV (short 75mm)	24 / 12	3	VMG	AT class 4 / HE 4 x D6 (orVMG)	19
Panzer IV (long 75mm)	24 / 12	3	VMG	AT class 2 / HE 4 x D6 (orVMG)	21
Panzer V Panther (75mm) **	30 / 15	2	VMG	AT class 1 / HE 3 x D6 (orVMG)	27
M10 Panther (Battle of the Bulge)	30 / 15	2	VMG	AT class 1 / HE 3 x D6 (orVMG)	27
Char B-1 (47mm/flamethrower) *	18 / 9	2	Flamethrower	AT class 4 / HE 3 x D6 (orVMG)	23
Panzer VI Tiger I (88mm) **	18 / 9	2	VMG	AT class 2 / HE 5 x D6 (orVMG)	25
Panzer VI Tiger II (88mm) **	18 / 9	1	VMG	AT class 1 / HE 5 x D6 (orVMG)	27
Maus (128mm / 75mm) **	18 / 9	1	VMG	AT class 1 / HE 6 x D6	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"

*** AT ranges are: short 0 - 12", medium 12 - 30", no long range effect

ANTI-AIRCRAFT VEHICLES

Vehicle (Main Weapon)	Speed	Armour	Hull (and Other) Weapons	Turret Weapons	Points
Flakpanzer 38t (20mm)	24 / 12	4	-	AT class 6* / autocannon	14
Mobelwagen (37mm)	24 / 12	4**	VMG	AT class 4 / autocannon	17
Wirbelwind (quad 20mm)	24 / 12	4	VMG	AT class 5 / multiple autocannon	21
Ostwind (37mm)	24 / 12	4	VMG	AT class 4 / autocannon	17
Sdkfz 251/17 HT (20mm) (Luftwaffe type)	30 / 15	5**	-	AT class 6* / autocannon	12
Sdkfz 251/17 HT (20mm) (Schwebelaffette)	30 / 15	5	-	AT class 6* / Autocannon	12
Sdkfz 251/21 (triple 15mm)	30 / 15	5	-	Multiple HMG	16
SWS half-track (20mm)	18 / 9	5**	-	AT class 6 / autocannon	12
Mercedes L4500A SP AA (37mm)	24/12	5**	-	AT class 4 / autocannon	12

* AT ranges are: short 0 - 12", medium 12 - 30", no long range effect

** Class 6 if firing

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	5	VMG	-	7
Sdkfz 231 armoured car (6 rad) (20mm)	24 / 12	5	-	AT class 6* / autocannon	8
Sdkfz 221 armoured car (MG)	30 / 15	5	-	VMG	7
Sdkfz 221 armoured car (28mm)	30 / 15	5	AT class 4**	-	10
Sdkfz 222 armoured car (20mm)	30 / 15	5	-	AT class 6* / autocannon	8
Sdkfz 231 armoured car (20mm)	30 / 15	5	-	AT class 6* / autocannon	8
Sdkfz 231/2 armoured car (short 75mm)	30 / 15	5	AT class 4 / HE 4 x D6	-	12
Sdkfz 234/1 armoured car (20mm)	30 / 15	4	-	AT class 6* / autocannon	10
Sdkfz 234/2 Puma armoured car (50mm)	30 / 15	4	-	AT class 3 / HE 3 x D6 (or VMG)	14
Sdkfz 234/3 armoured car (short 75mm)	30 / 15	4	AT class 4 / HE 4 x D6	-	14
Sdkfz 234/4 armoured car (long 75mm)	30 / 15	4	AT class 2 / HE 4 x D6	-	16
Sdkfz 247 (unarmed recce command car)	30 / 15	4	-	-	4
Panhard 178 armoured car (20mm)	30 / 15	5	-	AT class 5 (or VMG)	8
Recce 38t (20mm)	24 / 12	4	-	AT class 6* / autocannon	10
Sdkfz 250/1 half-track	30 / 15	5	VMG	-	7
Sdkfz 250/8 (short 75mm) half-track	30 / 15	5	AT class 4 / HE 4 x D6	-	12
Sdkfz 250/9 (20mm) half-track	30 / 15	5	-	AT class 6* / autocannon	8
Sdkfz 250/10 (37mm) half-track	24 / 12	5	AT class 5 / HE 2 x D6	-	10
Sdkfz 251/1 half-track	24 / 12	5	VMG	-	7
Sdkfz 251/2 (mortar) half-track	30 / 15	5	HE 4 x D6	-	12
Sdkfz 251/9 (short 75mm) half-track	30 / 15	5	AT class 4 / HE 4 x D6	-	12
Sdkfz 251/10 (37mm) half-track	30 / 15	5	AT class 5 / HE 2 x D6	-	10
Sdkfz 251/16 half-track (flame-thrower)	30 / 15	5	Flamethrower (or VMG)	-	12
Sdkfz 251/22 half-track (long 75mm)	30 / 15	5	AT class 2 / HE 4 x D6	-	12
Sdkfz 6 Diana (76.2mm)	24 / 12	5	AT class 2 / HE 4 x D6	-	12

* AT ranges are: short 0 - 12", medium 12 - 30", no long range effect

** Maximum range 12". No short or long range

21ST PANZER IN NORMANDY

Vehicle (Main Weapon)	Speed	Armour	Hull (and Other) Weapons	Turret Weapons	Points
SPW U304(f) PI07 half-track	24 / 12	5	VMG	-	7
SPW U304(f) PI07 (37mm) half-track	24 / 12	5	AT class 5 / HE 2 x D6	-	10
SPW U304(f) PI07 command half-track	24 / 12	5	-	-	4
SPW U304(f) PI07 (20mm AA) half-track	24 / 12	5	-	AT class 6*** / autocannon	12
SPW S307(f) Somua (75mm) half-track	24 / 12	5	AT class 2 / HE 4 x D6	-	16
SPW S307(f) Somua (multiple mortar) HT*	24 / 12	5	HE 4 x D6 (x 4)	-	14
SPW S303(f) Somua (multiple rocket launcher) half-track	24 / 12	5	HE 5 x D6	-	14
GW 39H(f) Hotchkiss (75mm) SP	24 / 12	4	AT class 2 / HE 4 x D6	-	16
GW 39H(f) Hotchkiss (105mm) SP	24 / 12	4	AT class 3 / HE 5 x D6	-	18
GW Lorraine Schlepper (f) SP howitzer (150mm)**	24 / 12	5	AT class 3 / HE 6 x D6	-	18

* Fires on alternate moves. Throw four D6. 6 to hit a moving target. 5 or 6 to hit a stationary target. Throw again for each hit for casualties / damage. Each hit has 4 x D6 for casualties or 1 x D6 for damage to an open topped AFV

** Maximum range for IDF is 72"

*** AT ranges are: short 0 - 12", medium 12 - 30", no long range effect

GERMAN AIRCRAFT

	Bombing Capability	Anti-Tank Capability	Strafing Capability
Messerschmitt Me 109 G	-	Gun class 5	5 x D6
Junkers Ju 87 Stuka D-I	1 x Heavy bomb	Bomb only	-
Junkers Ju 87 Stuka G-I	-	Gun class 3	-
Henschel Hs 123	1 x Light bomb	Bomb only	3 x D6
Messerschmitt Bf 110	1 x Heavy bomb	Gun class 5	6 x D6
Henschel Hs 129	1 x Light bomb	Gun class 4	6 x D6