

Weapons Crib Sheet Introduction

This file completely updates the ranges and AT values for all weapons currently in Focused Firepower to the new format. The ranges for small arms, IDF weapons and field guns are now dealt with differently, and so have slightly different tables. Please note that some weapon data is incomplete, particularly amongst the Soviet weapons. If you can find any information to fill in the gaps, please let me know so that I can update the information in this document.

The tables for small arms, such as rifles and machine guns, indicate the maximum range in inches for each range bracket for that weapon. For example, a German MG34 has a medium range of 30, meaning that targets up to 30" away are within medium range for that weapon.

Due to the way that IDF is scattered depending on the distance to target, IDF weapons, such as mortars, indicate a minimum and maximum range in inches. A weapon showing a minimum range cannot fire at a target point within the minimum range, nor outside the maximum range

It is in the field and tank guns that the biggest change comes. The tables for these weapons do not indicate a range in inches for each range band, but instead they have specific ranges shared by all such weapons, from Point Blank to Extreme. The tables indicate the AT value for each shell, for each weapon, in each of these range bands. Many weapons also list a Maximum range that is used when firing HE rounds in an indirect fire capacity. Note that the HE rounds can also be fired at targets within the Point Blank to Extreme range bands using the rules for Direct Fire HE. The table below shows the range in inches for each range band, and also shows the real world distance that they represent.

Point Blank	Short	Medium	Long	Extra Long	Extreme
5" (100m)	25" (500m)	50" (1000m)	75" (1500m)	100" (2000m)	125" (2500m)

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Infantry Small Arms								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
Walther/Luger	Pistol	*	*	*	*	1	CQB only	*
MP 40	SMG	*	10	*	*	2		1
Sturmwehr 44	Assault Rifle	5	20	40	*	2		1
Karabiner 43/98k	Rifle	5	20	40	*	1		*
Karabiner 43/98k Sniper	Sniper Rifle	5	20	40	*	1		5
Flammenwerfer 41	Flamethrower	*	*	2	*	1	Terror Weapon	20

Machine Guns								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
MG34	LMG	10	30	50	100	6	High Rate of Fire	15
MG42	LMG	10	30	50	100	8	High Rate of Fire	30

Hand-Held Anti-Tank Weapons								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
Panzerbuchse 39	AT Rifle	8 (AT3)	16 (AT3)	25 (AT1)	*	1	From March 1940, Deadly vs. Infantry	10
Panzerfaust 30 klein	HEAT	2 (AT14)	*	*	*	HE8	One Shot, From August 1943	10
Panzerfaust 30	HEAT	2 (AT20)	*	*	*	HE8	One Shot, From August 1943	10
Panzerfaust 60	HEAT	3 (AT20)	*	*	*	HE8	One Shot, From September 1944	10
Panzerfaust 100	HEAT	3 (AT22)	*	5 (AT22)	*	HE8	One Shot, From November 1944	15
Panzerschreck 54	HEAT	4 (AT14)	6 (AT14)	8 (AT14)	*	HE10	From October 1943	20
Schiessbecher	Rifle Grenade	4 (AT7)	*	14 (AT7)	*	1	Grenade Launcher	5
Granatbuchse 39	Rifle Grenade	5 (HE4)	*	*	*	1	From Nov 1941	

Mortars								
	Type	Minimum	Medium	Long	Maximum	FF!	Notes	Cost
5 cm leGrW 36	Light Mortar	5	*	*	25	HE6	HE & Smoke	10
Kz 8 cm GrW 42	Medium Mortar	8	*	*	55	HE10	HE & Smoke	30
8 cm GrW 34	Medium Mortar	12	*	*	120	HE10	HE & Smoke	30
12 cm GrW 42	Heavy Mortar	25	*	*	300	HE12	HE & Smoke, Terror Weapon	90

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Primary Tank and Field Guns											
20mm KwK 30 L55	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	24
Pzgr AP	20 (AT2)	14 (AT1)	9 (AT1)	*	*	*	*	4	Standard	Autocannon	
Pzgr.40 APCR#	49 (AT5)	20 (AT2)	*	*	*	*	*	4	Specialist	Autocannon	-2
s.Pz.B.41 APCR#	60 (AT6)	40 (AT4)	19 (AT2)	*	*	*	*	4	Specialist	Autocannon	+8
2cm Sprgr. Patr. 39 HE	*	*	*	*	*	*	HE1 (240")	4	Standard		
37mm KwK 36 L46.5	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	29
Pzgr.39 AP	35 (AT4)	29 (AT3)	22 (AT2)	20 (AT2)	*	*	*	1	Standard		
Pzgr.40 APCR#	64 (AT6)	31 (AT3)	*	*	*	*	*	1	Specialist		-12
3.7cm Sprgr. Patr. 34 HE	*	*	*	*	*	*	HE4 (310")	1	Specialist		+20
37mm KwK 38 (t) L47.8	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	29
Pzgr. (t) AP	36 (AT4)	31 (AT3)	24 (AT2)	22 (AT2)	*	*	*	1	Standard		
Pzgr. (t)umg APC	41 (AT4)	33 (AT3)	27 (AT3)	24 (AT2)	*	*	*	1	Specialist		+1
Pzgr.40 APCR#	64 (AT6)	33 (AT3)	*	*	*	*	*	1	Specialist		-12
50mm KwK 38 L42	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	32
Pzgr AP	53 (AT5)	43 (AT4)	32 (AT3)	24 (AT2)	*	*	*	1	Standard		
Pzgr.39 APC	55 (AT6)	47 (AT5)	37 (AT4)	28 (AT3)	22 (AT2)	*	*	1	Specialist		+9
Pzgr.40 APCR#	94 (AT9)	55 (AT6)	21 (AT2)	*	*	*	*	1	Specialist		+0
50mm KwK 39 L60	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	67
Pzgr AP	67 (AT7)	57 (AT6)	44 (AT4)	34 (AT3)	*	*	*	1	Standard		
Pzgr.39 APC	69 (AT7)	59 (AT6)	47 (AT5)	37 (AT4)	26 (AT3)	*	*	1	Standard		+7
Pzgr.40 APCR#	130 (AT13)	72 (AT7)	38 (AT4)	*	*	*	*	1	Specialist		+2
Pzgr.40/1 APCR#	116 (AT12)	76 (AT8)	51 (AT5)	*	*	*	*	1	Specialist		+3
5cm Sprgr. Patr. 38 HE	*	*	*	*	*	*	HE6 (325")	1	Standard		
75mm KwK 37 L24	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	81
K.Gr.rot.Pz. APC	41 (AT4)	38 (AT4)	35 (AT4)	32 (AT3)	30 (AT3)	*	*	1	Standard		
Gr.38 HI/A HEAT	70 (AT7)	70 (AT7)	70 (AT7)	*	*	*	*	1	Specialist		-1
Gr.38 HI/B HEAT	75 (AT8)	75 (AT8)	75 (AT8)	*	*	*	*	1	Specialist		+2
Gr.38 HI/C HEAT	100 (AT10)	100 (AT10)	100 (AT10)	*	*	*	*	1	Specialist		+8
7.5cm Sprgr. Patr. 34 HE	*	*	*	*	*	*	HE10 (225")	1	Standard		

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Primary Tank and Field Guns											
75mm KwK 40 L43	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	52
Pzgr.39 APCBC	99 (AT10)	91 (AT9)	81 (AT8)	72 (AT7)	63 (AT6)	*	*	1	Standard		
Pzgr.40 APCR#	126 (AT13)	108 (AT11)	87 (AT9)	*	*	*	*	1	Specialist		-4
Gr.38 HI/B HEAT	75 (AT8)	75 (AT8)	75 (AT8)	*	*	*	*	1	Specialist		-13
Gr.38 HI/C HEAT	100 (AT10)	100 (AT10)	100 (AT10)	*	*	*	*	1	Specialist		-7
75mm KwK 40 L48	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	82
Pzgr.39 APCBC	99 (AT10)	91 (AT9)	81 (AT8)	72 (AT7)	63 (AT6)	*	*	1	Standard		
Pzgr.40 APCR#	126 (AT13)	108 (AT10)	87 (AT9)	*	*	*	*	1	Specialist		-4
Gr.38 HI/B HEAT	75 (AT8)	75 (AT8)	75 (AT8)	*	*	*	*	1	Specialist		-13
Gr.38 HI/C HEAT	100 (AT10)	100 (AT10)	100 (AT10)	*	*	*	*	1	Specialist		-7
7.5cm Sprgr. Patr.34 HE	*	*	*	*	*	*	HE10 (384")	1	Standard		
75mm KwK 42 L70	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	92
Pzgr.39/42 ABCBC	138 (AT14)	124 (AT12)	111 (AT11)	99 (AT10)	89 (AT9)	*	*	1	Standard		
Pzgr.40/42 APCR#	194 (AT19)	174 (AT17)	149 (AT15)	127 (AT13)	106 (AT11)	*	*	1	Specialist		+14
7.5cm Sprgr. Patr. 42 HE	*	*	*	*	*	*	HE10 (385")	1	Standard		
88mm KwK 36 L56	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	83
Pzgr. APCBC	97 (AT10)	93 (AT9)	87 (AT9)	80 (AT8)	72 (AT7)	*	*	1	Standard		
Pzgr.39 APCBC	120 (AT12)	110 (AT11)	100 (AT10)	91 (AT9)	84 (AT8)	80 (AT8)	*	1	Specialist		+10
Pzgr.40 APCR#	170 (AT17)	155 (AT16)	138 (AT14)	122 (AT12)	110 (AT11)	*	*	1	Specialist		+19
HI.Gr.39 HEAT	90 (AT9)	90 (AT9)	90 (AT9)	?90 (AT9)	?90 (AT9)	*	*	1	Specialist		-1
8.8cm Sch Sprgr. Patr. L/4.5 HE	*	*	*	*	*	*	HE10 (740")	1	Standard		
88mm KwK 43 L71	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	116
Pzgr.39 APCBC	202 (AT20)	185 (AT19)	165 (AT17)	148 (AT15)	132 (AT13)	127 (AT13)	*	1	Standard		
Pzgr.40 APCR#	237 (AT24)	217 (AT22)	193 (AT19)	170 (AT17)	152 (AT15)	*	*	1	Specialist		+4
HI.Gr.39 HEAT	90 (AT9)	90 (AT9)	90 (AT9)	?90 (AT9)	?90 (AT9)	*	*	1	Specialist		-34
SprGr.43 HE	*	*	*	*	*	*	HE10 (875")	1	Standard		

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Primary Tank and Field Guns											
Weapon	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	
37mm PaK 36 L46.5											49
Pzgr.39 AP	35 (AT4)	29 (AT3)	22 (AT2)	20 (AT2)	*	*	*	1	Standard		
Pzgr.40 APCR#	64 (AT6)	31 (AT3)	*	*	*	*	*	1	Specialist		-10
3.7cm Sprgr. Patr. 34 HE	*	*	*	*	*	*	HE4 (312")	1	Standard		
47mm PaK 36(t) L43.4	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	34
Pzgr.36(t) APC	52 (AT5)	47 (AT5)	40 (AT4)	35 (AT4)	*	*	*	1	Standard		
Pzgr.40 APCR#	100 (AT10)	58 (AT6)	*	*	*	*	*	1	Specialist		-8
Pzgr.36 APBC	44 (AT4)	41 (AT4)	34 (AT3)	25 (AT3)	*	*	*	1	Specialist		-3
50mm PaK 38 L60	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	67
Pzgr AP	67 (AT7)	57 (AT6)	44 (AT4)	34 (AT3)	*	*	*	1	Standard		
Pzgr.39 APC	69 (AT7)	59 (AT6)	47 (AT5)	37 (AT4)	*	*	*	1	Standard		+1
Pzgr.40 APCR#	130 (AT13)	72 (AT7)	38 (AT4)	*	*	*	*	1	Specialist		+2
Pzgr.40/1 APCR#	116 (AT12)	76 (AT8)	51 (AT5)	*	*	*	*	1	Specialist		+3
5cm Sprgr. Patr. 38 HE	*	*	*	*	*	*	HE6 (325")	1	Standard		
75mm PaK 40 L48	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	105
Pzgr.39 APC	106 (AT11)	96 (AT10)	85 (AT9)	74 (AT7)	64 (AT6)	*	*	1	Standard		
Pzgr.40 APCR#	143 (AT14)	120 (AT12)	97 (AT10)	77 (AT8)	*	*	*	1	Specialist		+1
Gr.38 HI/B HEAT	75 (AT8)	75 (AT8)	75 (AT8)	*	*	*	*	1	Specialist		-16
Gr.38 HI/C HEAT	100 (AT10)	100 (AT10)	100 (AT10)	*	*	*	*	1	Specialist		-10
7.5cm Sprgr. Patr. 34 HE	*	*	*	*	*	*	HE10 (385")	1	Standard		
75mm PaK 41 L58	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	74
Pzgr.41 APCNR	183 (AT18)	168 (AT17)	143 (AT14)	119 (AT12)	100 (AT10)	*	*	1	Standard		
76.2mm PaK 36(r) L51	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	52
Pzgr.39 APCBC	98 (AT10)	90 (AT9)	82 (AT8)	73 (AT7)	65 (AT7)	*	*	1	Standard		
Pzgr.40 APCR#	135 (AT14)	116 (AT12)	94 (AT9)	75 (AT8)	58 (AT6)	*	*	1	Specialist		+8
88mm PaK 43 L71	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	86
Pzgr.39/43 APCBC-HE	202 (AT20)	185 (AT19)	165 (AT17)	148 (AT15)	132 (AT13)	127 (AT13)	HE? (875")	1	Standard		
Pzgr.40/43 APCR#	237 (AT24)	217 (AT22)	193 (AT19)	170 (AT17)	152 (AT15)	*	*	1	Specialist		+4
HI.Gr39 HEAT	90 (AT9)	90 (AT9)	90 (AT9)	*	*	*	*	1	Specialist		-44
8.8cm Sprgr. Patr. L4.7 HE	*	*	*	*	*	*	HE10 (875")	1	Specialist		+50

APCR rounds require Tungsten, which was blockaded, and so in short supply late in the war. After D-Day, all APCR rounds are no longer available.

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Primary Tank and Field Guns											
128mm PaK 40 L61	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	78
Pzgr.39 APCBC	201 (AT20)	176 (AT18)	150 (AT15)	132 (AT13)	120 (AT12)	*	*	1	Standard		
Pzgr.43 APCR#	236 (AT24)	217 (AT22)	200 (AT20)	187 (AT19)	161 (AT16)	*	*	1	Specialist		+13
128mm PaK 44 L55	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	75
Pzgr	189 (AT19)	166 (AT17)	143 (AT14)	127 (AT13)	117 (AT12)	*	*	1	Standard		
Pzgr.43	187 (AT19)	178 (AT18)	167 (AT17)	157 (AT16)	148 (AT15)	*	*	1	Specialist		+4
APHE			230 (AT23)	*	*	*	*	1	Specialist		?
APC		175 (AT16)	150 (AT15)	132 (AT13)	120 (AT12)	*	*	1	Specialist		?
APCBC		215 (AT22)	202 (AT20)	190 (AT19)	178 (AT18)	*	*	1	Specialist		?

75mm StuK 40 L43	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	52
Pzgr.39 APCBC	99 (AT10)	91 (AT9)	81 (AT8)	72 (AT7)	63 (AT6)	*	*	1	Standard		
Pzgr.40 APCR#	126 (AT13)	108 (AT11)	187 (AT19)	*	*	*	*	1	Specialist		+6
Gr.38 HI/B HEAT	75 (AT8)	75 (AT8)	75 (AT8)	*	*	*	*	1	Specialist		-13
Gr.38 HI/C HEAT	100 (AT10)	100 (AT10)	100 (AT10)	*	*	*	*	1	Specialist		-7

75mm StuK 40 L43	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	55
Pzgr.39 APCBC	106 (AT11)	96 (AT10)	85 (AT9)	74 (AT7)	64 (AT6)	*	*	1	Standard		
Pzgr.40 APCR#	143 (AT14)	120 (AT12)	97 (AT10)	77 (AT8)	*	*	*	1	Specialist		+1
Gr.38 HI/B HEAT	75 (AT8)	75 (AT8)	75 (AT8)	*	*	*	*	1	Specialist		-16
Gr.38 HI/C HEAT	100 (AT10)	100 (AT10)	100 (AT10)	*	*	*	*	1	Specialist		-10

75mm StuK.42 L70	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	62
Pzgr.39/42 APCBC	138 (AT14)	124 (AT12)	111 (AT11)	99 (AT10)	89 (AT9)	*	*	1	Standard		
Pzgr.40/42 APCR#	194 (AT19)	174 (AT17)	149 (AT15)	127 (AT13)	106 (AT11)	*	*	1	Specialist		+14

APCR rounds require Tungsten, which was blockaded, and so in short supply late in the war. After D-Day, all APCR rounds are no longer available.

Infantry Support Guns											
7.5cm le.IG 18/F	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	75
HE	*	*	*	*	*	*	180 (HE12)	1	Standard		

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Infantry Small Arms								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
Enfield/Webley/Welrod	Pistol	*	*	*	*	1	CQB Only	*
STEN Gun	SMG	4	*	10	*	1		*
Thompson	SMG	4	*	8	*	1		*
Lee-Enfield No.4 Rifle Mk.I	Rifle	8	16	25	*	1		*
Lee-Enfield No.5 Rifle Mk.I	Rifle	8	16	35	*	1	Available From November 1944	*
Enfield SR MkII	Rifle	10	20	24	*	1	Sniper Rifle	5
SGL Rifle Grenade	Rifle Grenade	4 (AT2)	*	6	*	2	Rifle Grenade Launcher	5
Flamethrower, Portable, No.2	Flamethrower	*	*	2	*	1	Terror Weapon, Rare	20
Machine Guns								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
7.7mm Bren Gun	LMG	8	24	35	*	6	Highly Accurate LMG	15
7.7mm Vickers	MMG	8	30	50	135	8		15
7.92mm Besa	HMG	8	24	36	*	10	High Rate of Fire	20
15mm Besa	VHMG	8 (AT2)	24 (AT1)	36	*	10	High Rate of Fire, Deadly to Infantry	25
Additional Weapons:								
Browning .30 Cal, Browning .50 Cal								
Hand-Held Anti-Tank Weapons								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
Boyes .55 Cal	AT Rifle	5 (AT2)	15 (AT2)	25 (AT1)	40	1	Deadly to Infantry	10
PIAT Mk.I	HEAT	5 (AT7)	*	IDF 15	*	HE6	Acts as a Light Mortar at Long Range	20
PIAT Mk.III	HEAT	5 (AT10)	*	IDF 15	*	HE6	Acts as a Light Mortar at Long Range	20
Mortars								
	Type	Minimum	Medium	Long	Maximum	FF!	Notes	Cost
Ordnance SBML 2-inch Mortar	L-Mortar	*	*	*	25	HE4	HE & Smoke (Phos as Specialist)	5
3-inch Mortar Mk.II	M-Mortar	12	*	*	75	HE12	HE & Smoke (Phos as Specialist)	10
3-inch Mortar Mk.II LR	M-Mortar	12	*	*	125	HE12	HE & Smoke (Phos as Specialist)	10
Ordnance ML 4.2-inch Mortar	M-Mortar	18	*	*	185	HE18	HE & Smoke (Phos as Specialist)	

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Primary Tank and Field Guns											
40mm QF 2 Pounder	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	
AP Shot Mk.I	66 (AT7)	50 (AT5)	35 (AT4)	25 (AT3)	18 (AT2)	*	*	1	Standard		
APHE Shot Mk.I	64 (AT6)	47 (AT5)	33 (AT3)	22 (AT2)	15 (AT2)	*	HE? (365")	1	Standard		-2
APCBC Shot Mk.I	59 (AT6)	52 (AT5)	45 (AT5)	39 (AT4)	33 (AT3)	*	*	1	Standard	Available September 42	+0
2 Pound HE Mk.II T	*	*	*	*	*	*	HE4 (365")	1	Specialist	Field Guns Only	+20
57mm QF 6 Pounder Mk.2/3	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	
AP Shot Mk.III	94 (AT9)	76 (AT8)	59 (AT6)	46 (AT5)	35 (AT4)	*	*	1	Standard		
APC Shot Mk.VIII	94 (AT9)	76 (AT8)	57 (AT6)	44 (AT4)	33 (AT3)	*	*	1	Standard	Available from October 1942	+0
APCBC Shot Mk.IX	86 (AT9)	76 (AT8)	66 (AT7)	57 (AT6)	49 (AT5)	*	*	1	Standard	Available from January 1943	+1
APDS Shot Mk.I	130 (AT13)	118 (AT12)	104 (AT10)	92 (AT9)	81 (AT8)	*	*	1	Specialist	Available June 44	+12
6 Pound HE Mk.X T	*	*	*	*	*	*	HE8 (250")	1	Standard		
57mm QF 6 Pounder Mk.4/5	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	
AP Shot Mk.III	116 (AT12)	94 (AT9)	72 (AT7)	55 (AT6)	42 (AT4)	*	*	1	Standard		
APC Shot Mk.VIII	88 (AT9)	78 (AT8)	65 (AT7)	55 (AT6)	47 (AT5)	*	*	1	Standard	Available October 42	-4
APCBC Shot Mk.IX	92 (AT9)	82 (AT8)	71 (AT7)	61 (AT6)	52 (AT5)	*	*	1	Standard	Available Jan 43	-4
APDS Shot Mk.I	142 (AT14)	127 (AT13)	110 (AT11)	95 (AT10)	83(AT8)	*	*	1	Specialist	Available June 44	+10
6 Pound HE Mk.X T	*	*	*	*	*	*	HE8 (250")	1	Standard		
75mm QF Mk.V L/36.5	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	
APCBC Shot M61	AT8	66 (AT7)	60 (AT6)	55 (AT6)	50 (AT5)	*	*	1	Standard		
AP Shot M71	AT9	76 (AT8)	63 (AT6)	51 (AT5)	43 (AT4)	*	*	1	Specialist		
Shell HE M46	*	*	*	*	*	*	HE12 (500")	1	Standard		
76mm QF 17 Pounder L/55	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	
AP Shot Mk.III	161 (AT16)	138 (AT14)	115 (AT12)	95 (AT10)	79 (AT8)	*	*	1	Standard		67
APC Shot Mk.IV	140 (AT14)	130 (AT13)	119 (AT12)	108 (AT11)	99 (AT10)	*	*	1	Standard	Available From Jan 43	-3
APDS Shot Mk.I	221 (AT22)	204 (AT20)	185 (AT19)	167 (AT17)	151 (AT15)	*	*	1	Specialist	Available from May 44	+19
HE	*	*	*	*	*	*	HE10 (460")	1	Specialist		+50

British Weapons Crib Sheet

Primary Tank and Field Guns												
QF 3-inch Howitzer	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes		75
HE	*	*	*	*	*	*	HE10 (?")	1	Standard	Smoke (Specialist)		
87.6mm QF 25 Pounder Mk.I L28	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes		93
AP Shot Mk.I	82 (AT8)	60 (AT6)	41 (AT4)	28 (AT3)	19 (AT2)	*	*	1	Standard			
25 Pound HE Mk.I D	*	*	*	*	*	*	HE10 (610")	1	Standard			
25 Pound BE Mk.II D	*	*	*	*	*	*	HE10 (485")	1	Standard	Smoke		
25 Pound Coloured BE Mk.II D	*	*	*	*	*	*	HE10 (485")	1	Standard	Smoke (Coloured)		
95mm QF Howitzer Mk.II L18.65	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes		
HEAT	110 (AT11)	110 (AT11)	110 (AT11)	110 (AT11)	110 (AT11)	110 (AT11)	*	1	Standard			
HE	*	*	*	*	*	*	(300")	1	Standard			
Smoke	*	*	*	*	*	*	(170")	1	Standard	Smoke		
114mm 4.5-inch BL Mk.II L41	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes		85
4.5-inch BL Gun HE Mk.I D	*	*	*	*	*	*	HE12 (935")	1	Standard			
127mm 60 Pounder Mk.II L37	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes		95
60 Pound HE Mk.IX C	*	*	*	*	*	*	HE14 (750")	1	Standard			
60 Pound Shrapnel Mk.V D	*	*	*	*	*	*	HE6 (560")	1	Standard	Shrapnel		
140ml 5.5-inch BL Mk.III L30	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes		105
100 Pound HE Mk.II D	*	*	*	*	*	*	HE16 (740")	1	Standard			
80 Pound HE Mk.I D	*	*	*	*	*	*	HE16 (825")	1	Specialist			+0pts
183mm 7.2-inch Mk.III L22.4	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes		115
7.2-inch HE Mk.I D	*	*	*	*	*	*	HE18 (770")	1	Standard			
6" Howitzer	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes		105
HE	*	*	*	*	*	*	HE16 (?")	1	Standard	IDF Capable. Terror weapon		

Soviet Weapons Crib Sheet

Infantry Small Arms								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
Tokarev Pistol	Pistol	*	*	*	*	1	CQB only	*
PPSh 41	HSMG	4	*	10	*	2	aka Pah-Pah-Shah	1
Tokarev SVT-40	Rifle	5	20	40	*	1		*
Mosin-Nagant Model 1891/30	Rifle	5	20	40	*	1		*
Mosin-Nagant Sniper	Sniper Rifle	5	20	40	*	1	Sniper Weapon	5
ROKS-2	Flamethrower	*	*	2	*	1	Terror Weapon, 3 Shots per Battle	20
Machine Guns								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
7.62mm Degtyarev DP/DPM/DT/DTM	LMG	5	20	40	*	6		10
M1910 Maxim	MMG	10	30	50	135	8	Inaccurate	10
SG-43 Goryunov	MMG	10	30	55	*	8	From 1943	15
DShK	VHMG	10 (AT1)	30	50	100	8	Deadly to infantry	25
Autocannons								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
20mm TNSh L107	Autocannon	25 (AT2)	50	100	320	4	Deady to Infantry	
Hand-Held Anti-Tank Weapons								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
PTRD 1941 AT Rifle	AP	5 (AT4)	15	30	*	1	Deadly to infantry	10
Mortars								
	Type	Minimum	Medium	Long	Maximum	FF!	Notes	Cost
37mm Spade Mortar	Light Mortar	*	*	*	12	HE4	Used until 1942	10
50mm RM-38	Light Mortar	5	*	*	40	HE4	HE/Smoke	10
82mm BM-37	Medium Mortar	12	*	*	152	HE8	HE/Smoke	30
120mm M1938	Heavy Mortar	25	*	*	285	HE12	HE/Smoke, Terror Weapon	90

Soviet Weapons Crib Sheet

Primary Tank and Field Guns											
37mm M1939-61K	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	16
AP	30 (AT3)	27 (AT3)	*	*	*	*	*	4	Standard	AA weapon, Autocannon	
45mm M1932 L46	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	59
AP	52 (AT5)	45 (AT5)	38 (AT4)	*	*	*	*	1	Standard		
UO-240 HEF	*	*	*	*	*	*	HE6 (195")	1	Standard		
UO-240A HEF	*	*	*	*	*	*	HE6 (195")	1	Standard		
USh-243 Canister	*	HE6	*	*	*	*	*	1	Specialist	Canister Shot	
45mm M1942 L68	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	55
UO-240 HEF	*	*	*	*	*	*	HE6 (220")	1	Standard		
UO-240A HEF	*	*	*	*	*	*	HE6 (220")	1	Standard		
USh-243 Canister	*	HE6	*	*	*	*	*	1	Specialist	Canister Shot	
57mm ZIS-2 M1943 L72.9	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	
BR-271K APHE							*	1	Standard		
BR-271 APCBC							*	1	Specialist		
BR-271M APCBC							*	1	Specialist		
BR-271SP AP							*	1	Specialist		
BR-271P/N APCR							*	1	Specialist	From Late 1942	
UO-271 HEF	*	*	*	*	*	*	HE6 (420")	1	Standard		
UO-271 U HEF	*	*	*	*	*	*	HE6 (420")	1	Specialist		
Shch-271 Canister	*	HE6	*	*	*	*	*	1	Specialist	Canister Shot	
76.2mm M1927	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	75
HE	*	*	*	*			HE10 (320")	1	Standard	IDF Capable. Smoke Available as Specialist	
HEAT							HE10? (?)		Specialist	Available June 1944	
HIHE							HE12? (?)		Specialist	Canister Shot	
76.2mm F22 and ZIS-3	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	
BR-350SP AP								1	Standard		
BR-350A APHE								1	Specialist		
BR-350P APCR								1	Specialist	Post WWII	
BK-354 HEAT								1	Specialist	Post WWII	
F-354 HE	*	*	*	*	*	*	HE10	1	Standard		
O-350/OF-350 HEF	*	*	*	*	*	*	HE10	1	Specialist		

Soviet Weapons Crib Sheet

Primary Tank and Field Guns											
45mm 20K L46	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	59
BR-240 SP APBC	43 (AT4)	31 (AT3)	20 (AT2)	14 (AT2)	*	*	*	1	Standard		
BR-240 P APCR	52 (AT5)	37 (AT4)	24 (AT2)	16 (AT2)	*	*	*	1	Specialist		+2
UO-243 HE	*	*	*	*	*	*	HE6 (220")	1	Standard	Model 1932 Only	
UO-234 A HE	*	*	*	*	*	*	HE6 (220")	1	Specialist	Model 1932 Only	+0
76.2mm KT-28 L16	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	32
BR AP	27 (AT3)	25 (AT3)	22 (AT2)	20 (AT2)	18 (AT2)	*	*	1	Standard		
76.2mm L-11 L32	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	40
BR-305 B APBC	58 (AT6)	49 (AT5)	41 (AT4)	33 (AT3)	27 (AT3)	*	*	1	Standard		
76.2mm ZIS-3T Model 1942 L52	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	100
BR-350 A APBC	64 (AT6)	54 (AT5)	43 (AT4)	35 (AT4)	28 (AT3)	*	*	1	Standard		
BR-350 B APBC	67 (AT7)	57 (AT6)	46 (AT5)	37 (AT4)	30 (AT3)	*	*	1	Specialist		+3
BR-350 P APCR	91 (AT9)	64 (AT6)	41 (AT4)	27 (AT3)	17 (AT2)	*	*	1	Specialist		+4
BR-353 A HEAT	60 (AT6)	60 (AT6)	60 (AT6)	*	*	*	*	1	Specialist		-7
UOF-354 M HE	*	*	*	*	*	*	HE12 (665")	1	Standard		
UOF-354 B HE	*	*	*	*	*	*	HE10 (665")	1	Specialist		-10
UD-350 Smoke	*	*	*	*	*	*	HE12 (625")	1	Specialist		+0
76.2mm F-32/F-34/ZIS-5 L42	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	40+HE
BR-350 A APBC	64 (AT6)	54 (AT5)	43 (AT4)	35 (AT4)	28 (AT3)	*	*	1	Standard		
BR-350 B APBC	67 (AT7)	57 (AT6)	46 (AT5)	37 (AT4)	30 (AT3)	*	*	1	Specialist		+3
BR-350 P APCR	91 (AT9)	64 (AT6)	41 (AT4)	27 (AT3)	17 (AT2)	*	*	1	Specialist		+4
BR-353 A HEAT	60 (AT6)	60 (AT6)	60 (AT6)	*	*	*	*	1	Specialist		-7
F-534 HE	*	*	*	*	*	*	HE? (?")	1	Standard		
OF-350 HEF	*	*	*	*	*	*	HE? (?")	1	Specialist		

Soviet Weapons Crib Sheet

Primary Tank Guns											
85mm ZiS-S-53/D-5S/D-5T L52	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	50
BR-365 AP	97 (AT10)	84 (AT8)	71 (AT7)	59 (AT6)	49 (AT5)	*	*	1	Standard		
BR-365 K APC	112 (AT11)	100 (AT10)	86 (AT9)	75 (AT8)	65 (AT7)	*	*	1	Specialist		55
BR-365 P APCR	140 (AT14)	107 (AT11)	76 (AT8)	54 (AT6)	39 (AT4)	*	*	1	Specialist		58
100mm D-10S L54	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	65
BR-412 B APBC	148 (AT15)	133 (AT13)	116 (AT12)	101 (AT10)	89 (AT9)	*	*	1	Standard		
BR-412 D APCBC	186 (AT19)	167 (AT17)	146 (AT15)	127 (AT13)	111 (AT11)	*	*	1	Specialist		+11
122mm M30S Model 1938 L22.7	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	85
BR-460 A HEAT	200 (AT20)	200 (AT20)	200 (AT20)	200 (AT20)	200 (AT20)	*	*	1	Standard		
122mm D-25T L43	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	62
BR-471 AP	137 (AT14)	123 (AT12)	108 (AT11)	94 (AT9)	82 (AT8)	*	*	1	Standard		
BR-471 B APC	162 (AT16)	147 (AT15)	131 (AT13)	116 (AT12)	104 (AT10)	*	*	1	Specialist		+7
BP-460 A HEAT	97 (AT10)	97 (AT10)	97 (AT10)	97 (AT10)	*	*	*	1	Specialist		-12
152mm ML20 L28	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	138
BR-540 APHE	117 (AT12)	109 (AT11)	100 (AT10)	91 (AT9)	83 (AT8)	*	HE10 (200")	1	Standard		
BR-540 B APC	109 (AT11)	104 (AT10)	99 (AT10)	94 (AT9)	89 (AT9)	*	*	1	Specialist		-2
HEAT							(150")	1	Specialist		?
HE	*	*	*	*	*	*	HE16 (448")	1	Standard		

US Weapons Crib Sheet

Infantry Small Arms									
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost	
Colt M1911	Pistol	*	*	*	*	1	CQB only	*	
M3 'Grease Gun'	SMG	5	*	10	*	1		*	
Thompson M1/Model 1928	SMG	3	*	6	*	1		*	
M1 Garand	Rifle	5	15	20	*	1		*	
M1/M1A1/M2 Carbine	Carbine	5	*	15	*	2		1	
M1903 Springfield	Rifle	8	16	27	*	1		*	
M7 Rifle Grenade	Rifle Grenade	2 (AT?)	*	6	*	1	Rifle Grenade Launcher	5	
M2 Flamethrower	Flamethrower	*	*	2	*	1	Terror Weapon	20	
Machine Guns									
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost	
Browning .30 Cal M1918A2 BAR	LMG	8	16	27	*	3	Follows all special rules for Bren Guns	10	
Browning .30 Cal M1919A4	MMG	8	24	35	70	8		15	
Browning .50 Cal M2	VHMG	8 (AT1)	32	48	90	6	Deadly to Infantry	25	
Mortars									
	Type	Short	Medium	Long	Maximum	FF!	Notes	Cost	
M2-60mm	Medium Mortar	12	*	*	90	HE8	HE/White Phos	20	
M1-81mm	Mortar	18	*	*	150	HE10		30	

Hand-Held Anti-Tank Weapons									
	Type	Short	Medium	Long	Extreme	FF!	Munitions	Notes	Cost
M1/M1A1 Bazooka	HEAT	2 (AT8)	*	4 (AT8)	*	HE8	Specialist	From 1942	20
M9 Bazooka M6A1 Rocket	HEAT	3 (AT8)	*	6 (AT8)	*	HE8	Specialist	Requires a 2-Man team	20
M9 Bazooka M6A3C Rocket	HEAT	3 (AT10)	*	6 (AT10)	*	HE8	Specialist	Requires a 2-Man team, From 1944	25

US Weapons Crib Sheet

Primary Field Guns											
37mm Gun M3 L57	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	61
M74 Shot AP	71 (AT7)	54 (AT5)	38 (AT4)	27 (AT3)	19 (AT2)	*	*	1	Standard		
M51B1 Shot ABCBC	63 (AT6)	55 (AT6)	46 (AT5)	39 (AT4)	33 (AT3)	*	*	1	Specialist		+1
M63 HE	*	*	*	*	*	*	HE4 (435")	1	Standard		
M2 Canister	*	HE10	*	*	*	*	*	1	Specialist	Canister Shot	+30
57mm M1 L50 (6pdr)	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	48
M70 Shot AP	85 (AT9)	78 (AT8)	64 (AT6)	55 (AT6)	50 (AT5)	*	*	1	Standard		
M86 Projectile APCBC	81 (AT8)	76 (AT8)	70 (AT7)	64 (AT6)	59 (AT6)	*	*	1	Specialist		+0
HE	*	*	*	*	*	*	HE8? (250")	1	Specialist	Available from March 44 (Very rare)	+40
Canister	*	HE8?	*	*	*	*	*	1	Specialist	Available in 1945 only (Very Rare)	
75mm Pack Howitzer M1 L16	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	75
M48 HE	*	*	*	*	*	*	HE10 (440")	1	Standard		
76mm 3-inch Gun M5 L50/M7 L53	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	55
M79 Shot AP	124 (AT12)	104 (AT10)	83 (AT8)	67 (AT7)	54 (AT5)	*	*	1	Standard		
M62 Projectile APCBC	100 (AT10)	91 (AT9)	81 (AT8)	73 (AT7)	65 (AT7)	*	*	1	Specialist	Issued as Standard from June 1944	-3
HVAP M93 Shot APCR	177 (AT18)	155 (AT16)	133 (AT13)	111 (AT11)	92 (AT9)	*	*	1	Specialist	Available from August 1944	+17
APHE	188 (AT19)	174 (AT18)	157 (AT16)	142 (AT14)	129 (AT13)	*	*	1	Specialist	Smoke Issued as Specialist	+23
90mm Gun M3 L53	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	58
M77 Shot APC	121 (AT12)	111 (AT11)	103 (AT10)	93 (AT9)	96? (AT10)	*	*	1	Standard		
APCBC	138 (AT14)	126 (AT13)	120 (AT12)	114 (AT11)	105 (AT11)	*	*	1	Specialist		+6
HVAP	243 (AT24)	221 (AT22)	195 (AT20)	177 (AT18)	154 (AT16)	*	*	1	Specialist		+33
105mm Howitzer M2 L22.5	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	117
M77 HEAT	93 (AT9)	93 (AT9)	93 (AT9)	93 (AT9)	*	*	*	1	Standard		
M1 HE	*	*	*	*	*	*	HE14 (570")	1	Standard		
155mm Gun M1 'Long Tom'	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	105
M101 HE	*	*	*	*	*	*	HE16 (1160")	1			
203mm 8-inch Gun M1 L25	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	125
8-inch M106 HE	*	*	*	*	*	*	HE20 (846")	1			

US Weapons Crib Sheet

Primary Tank Guns											
37mm M6 L53	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	61
M74 Shot AP	71 (AT7)	54 (AT5)	38 (AT4)	27 (AT3)	19 (AT2)	*	*	1	Standard		
M51B1 Shot APCBC	63 (AT6)	55 (AT6)	46 (AT5)	39 (AT4)	33 (AT3)	*	*	1	Specialist		+1
M51B2 Shot APCBC	63 (AT6)	55 (AT6)	46 (AT5)	39 (AT4)	33 (AT3)	*	*	1	Specialist		+1
M63 HE	*	*	*	*	*	*	HE4 (435")	1	Standard		
M2 Canister	*	HE10	*	*	*	*	*	1	Specialist	Canister Shot	+50
75mm M6 L39/M3 L40	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	97
M72 Shot AP	88 (AT9)	73 (AT7)	59 (AT6)	47 (AT5)	38 (AT4)		*	1	Standard		
M62 Projectile APCBC	82 (AT8)	75 (AT8)	68 (AT7)	61 (AT6)	55 (AT6)		*	1	Specialist		+1
M61 Projectile APC	77 (AT8)	69 (AT7)	61 (AT6)	53 (AT5)	47 (AT5)		*	1	Specialist		-1
M48 HE	*	*	*	*	*	*	HE10 (520")	1	Standard		
M64 Chemical HE	*	*	*	*	*	*	HE10 (630")	1	Specialist		+0
M89 Smoke	*	*	*	*	*	*	Smoke (112")	1	Specialist		
76mm M1/M1A2 L55	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	55
M79 Shot AP	124 (AT12)	104 (AT10)	83 (AT8)	67 (AT7)	54 (AT5)		*	1	Standard		
M62 Projectile APCBC	113 (AT11)	106 (AT11)	98 (AT10)	91 (AT9)	85 (AT9)		*	1	Specialist		+2
M61 Projectile APC	101 (AT10)	85 (AT9)	69 (AT7)	55 (AT6)	44 (AT4)		*	1	Specialist		-4
HVAP M93 Shot APCR	192 (AT19)	165 (AT17)	137 (AT14)	113 (AT11)	94 (AT9)		*	1	Specialist		+20
M42A1 HE	*	*	*	*	*	*	HE8 (770")	1	Specialist	M1A2 Only	+40
90mm M3 L52	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	64
M77 Shot AP	151 (AT15)	130 (AT13)	107 (AT11)	88 (AT9)	73 (AT7)		*	1	Standard		
M82 Projectile APHECBC	132 (AT13)	121 (AT12)	108 (AT11)	97 (AT10)	87 (AT9)		*	1	Specialist		-3
M304 Shot APCR	243 (AT24)	219 (AT22)	192 (AT19)	168 (AT17)	147 (AT15)		*	1	Specialist		+26
M71 HE	*	*	*	*	*	*	HE10 (600")	1	Specialist		+50
105mm M4/M2A1 L22.5	Point Blank	Short	Medium	Long	Extra Long	Extreme	Maximum	FF!	Munitions	Notes	52
M67 HEAT	93 (AT9)	93 (AT9)	93 (AT9)	93 (AT9)	93 (AT9)	*	*	1	Standard	IDF Capable	
M1 HE	*	*	*	*	*	*	HE14 (570")	1	Specialist	Smoke issued as Specialist Ammo	+70
M60 Chemical	*	*	*	*	*	*	HE12 (545")	1	Specialist	Incendiary	+60
M48 Chemical & Smoke	*	*	*	*	*	*	HE12 (560")	1	Specialist	Incendiary & Smoke	+60

Finnish Weapons Crib Sheet

Infantry Small Arms								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
Nagant M1895	Pistol	*	*	*	*	1	CQB only	*
Suomi SMG	SMG	4	*	10	*	2		+1
Mosin-Nagant Model 1891/30	Rifle	5	20	40	*	1		*
Mosin-Nagant Sniper	Sniper Rifle	5	20	40	*	1	Sniper Weapon	+5
Machine Guns								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
Lahti-Saloranta M/26	LMG	5	10	20	*	6		+8
7.62mm Degtyarev DP	LMG	5	20	40	*	6		+10
Maxim	MMG	10	30	50	135	8	Inaccurate	+15
Mortars								
	Type	Minimum	Medium	Long	Maximum	FF!	Notes	Cost
82 KRH 37 (81 mm Shell)	Medium Mortar	4	*	*	130	HE10	HE	30
82 KRH 37 (82 mm Shell)	Medium Mortar	4	*	*	155	HE10	HE	35

Hungarian Weapons Crib Sheet

Infantry Small Arms								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
Frommer Stop	Pistol	*	*	*	*	1	CQB only	*
Bergmann (MP18)	SMG	*	8	*	*	1		1
Schmeisser (MP40)	SMG	*	10	*	*	2		1
Danuvia 39M/43M 'Kiraly'	SMG	*	20	*	*	1		1
Mannlicher M1895	Rifle	5	10	20	*	1		*
Machine Guns								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
Madsen 24/43M	LMG	5	20	40	90	6		+10
Stange 34M (MG30)	LMG					6		
Schwarzlose MG M.07/12	MMG	10	30	50	100	8	Inaccurate	+15
TK vz. 37 (ZB-53, MG37(t), BESA)	HMG	8	24	36	*	10	High Rate of Fire	20
Hand-Held Anti-Tank Weapons								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
36M 20mm Solothurn S-18/100	AT Rifle	5 (AT2)	15 (AT2)	50	100	1	Continuation War	
Additional Equipment:								
The Hungarians also made use of anti-tank rifles from Poland, Czechoslovakia, Yugoslavia and the Soviet Union								
Mortars								
	Type	Minimum	Medium	Long	Maximum	FF!	Notes	Cost
FEG 39M 50mm	Light Mortar						HE	
36M 50mm	Light Mortar	5	*	*	25	HE6	HE & Smoke	10
Diósgy'r 36M 81.4mm	Medium Mortar							
Diósgy'r 36/39M 81.4mm	Medium Mortar						From 1941	
Additional Equipment:								
The Hungarians also made use of mortars from Poland, Czechoslovakia, Yugoslavia and the Soviet Union								

Japanese Weapons Crib Sheet

Infantry Small Arms								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
Type 26, Nambu, Type 14, Type 94	Pistol	*	*	*	*	1	CQB only	*
Type 100	SMG	*	8	*	*	1		1
Type 38 Rifle	Rifle	5	10	20	*	1		*
Machine Guns								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
Type 96	LMG	5	20	35	*	6		10
Hand-Held Anti-Tank Weapons								
	Type	Short	Medium	Long	Extreme	FF!	Notes	Cost
	AT Rifle					1		
Mortars								
	Type	Minimum	Medium	Long	Maximum	FF!	Notes	Cost
Type 89 Grenade Discharger	Light Mortar	*	*	*	6	HE4	HE	5