

TABLE 11.—German artillery ammunition commonly used in World War II

Type projectile	Type bursting charge	Weight (whole am- munition)	Fuze	Weapons in which used
7.5 cm.:				
HE, Type 34.....	TNT/amatol.....	<i>Pounds</i> 12. 6	Nose percussion.....	Geb. G. 36, 1.F.K. 18.
Hollow charge, Type 39.....	Cyclonite/wax/TNT.....	9. 9	do.....	Geb. K. 15.
Hollow charge for tank gun.....	TNT.....	12. 8	do.....	1.F.K. 18, Geb. G. 36.
Hollow charge for tank gun (Type B).	Cyclonite/wax/TNT.....	(¹)	do.....	Do.
APC tank gun.....	TNT and PETN/wax.....	15. 5	Base detonating.....	1.F.K. 18.
HE, for mountain gun.....	TNT/aluminum.....	12. 0	Nose percussion; time and percussion.	Geb. K. 15.
Hollow charge for infantry gun.....	Cyclonite.....	6. 6	Nose percussion.....	1.I.G. 18.
HE, for infantry gun.....	Amatol/TNT.....	13. 6	do.....	Do.
Hollow charge, Type 38.....	(¹).....	(¹)	do.....	1.F.K. 18.
APC, tank gun.....	TNT and PETN/wax.....	15. 4	Base fuze.....	Do.
Hollow charge for tank gun.....	(¹).....	(¹)	Nose percussion.....	1.F.K. 18, Geb. G. 36.
HE, for 75 mm. field gun.....	TNT.....	12. 75	Point detonating.....	F.K. 38.
HE, for 75 mm. mountain gun.....	TNT/aluminum powder.....	13. 25	Time and percussion.....	Geb. G. 36.
HE.....	TNT.....	15	Time and percussion, per- cussion and delay.	1.F.K. 18.
AP, for tank and field gun.....	TNT and PETN/wax.....	15. 25	Base fuze.....	Do.
7.62 cm.:				
HE, Type 39.....	Amatol.....	12. 64	Nose percussion.....	F.K. 36 (r).
AP with tungsten carbide core.....	Tungsten carbide core.....	9. 13	No fuze.....	Do.
8.8 cm.:				
APC, Type 39.....	Cyclonite.....	46. 0	Base detonating.....	Flak 41.
HE, Type L/4.5.....	Amatol.....	20. 35	Nose percussion or mechanical time.	Flak 18, 36.
AP, for antitank gun.....	Tubular diglycol.....	22. 8	Base detonating.....	Flak 36, 41.
AP with tungsten carbide core (Type 40).	Diglycol.....	16. 0	No fuze.....	Flak 36.
HE, Type L/4.7.....	Amatol.....	20. 68	Nose percussion or me- chanical time.	Flak 41.

APC, for AA gun 18	TNT/wax	20. 75	Base detonating	Flak 18, 36.
HE, for 88 mm. gun	Amatol	20. 5	Time	Flak 41.
HE, L/4.5	do	20. 5	Point detonating	Flak 18, 36.
HE, for AA guns	do	21. 0	Time	Do.
AP	TNT/wax and PETN/wax	21. 0	Base detonating	Do.
AP 39	Cyclonite/wax	22. 0	do	Do.
Inciendiary shrapnel for AA gun	TNT or amatol and wax	20. 0	Time	Do.
10.5 cm.:				
HE, Type 19	Amatol	33. 4	Point detonating	s. 10 cm. K. 18 ² .
AP, for howitzer	TNT	30. 9	Base	1.F.H. 18, 1.F.H. 18 (M), 1.F.H. 18/40.
AP	Ethyl/enediamine dinitrate/ cyclonite/wax (46/18/36).	34. 5	do	s. 10 cm. K. 18.
HE	(1)	32. 75	Point detonating	1.F.H. 18, 18 (M), 18/40.
HE for light field howitzer	Amatol	33. 5	Point detonating Time and percussion do	} 1.F.H. 18, 18 (M), 18/40.
HE	do	33. 08	Point detonating	
APC with tracer	TNT	34. 7	Base detonating	1.F.H. 18, 1.F.H. 18 (M), 1.F.H. 18/40.
AP, for light field howitzer	do	34. 62	do	s. 10 cm. K. 18.
HE, for field howitzer	TNT or amatol	33. 08	Nose percussion or time and percussion.	1.F.H. 18, 18 (M). Do.
HE, for long distance use in field howitzer.	Amatol	32. 58	do	1.F.H. 18 (M).
Hollow charge	Cyclonite/wax/TNT	25. 56	Nose percussion	1.F.H. 18, 18 (M).
Hollow charge, Type A	do	27. 16	do	Do.
Hollow charge, Type B	do	26. 19	do	Do.
Hollow charge, Type C	do	28. 88	do	Do.
HE, Type 19	TNT	32. 58	Nose percussion or time and percussion.	s. 10 cm. K. 18.
15.0 cm:				
HE, Type 36	(1)	84. 7	do	s.F.H. 18.
Hollow charge, Type 39	Cyclonite/wax	54. 08	Nose percussion	Do.

See footnotes at end of table.

TABLE 11.—German artillery ammunition commonly used in World War II—Continued

Type projectile	Type bursting charge	Weight (whole ammunition)	Fuze	Weapons in which used
15.0 cm—Continued		<i>Pounds</i>		
HE.....	Amatol.....	94. 8	Point detonating.....	K. 18.
Anticoncrete.....	TNT.....	95. 5	Base detonating.....	K. 18, K. 39.
AP for heavy gun.....	(¹).....	99. 25	do.....	K. 18.
HE, Type 19 with Gaine 36.....	TNT.....	95. 7	Nose percussion or time and percussion.	s.F.H. 18.
HE of cast steel.....	do.....	105. 4	do.....	Do.
HE, Type 18.....	Diglycol.....	94. 75	do.....	K. 18, K. 39.
Rodded bomb for heavy infantry gun.	Amatol.....	105. 0	Nose percussion.....	s.I.G. 33.
HE, Type 19, for heavy field howitzer.	TNT.....	95. 7	Nose percussion or time and percussion.	
HE, for gun 16.....	do.....	113. 0	do.....	K. 16.
HE, for heavy infantry gun.....	do.....	83. 6	Nose percussion.....	s.I.G. 33.
HE, Type L/46 with nose fuze.....	Diglycol.....	99. 0	Nose percussion or time and percussion.	K. 39.
Semi-AP, for gun 39.....	(¹).....	99. 0	Base detonating.....	Do.
AP, for gun 39.....	(¹).....	99. 0	do.....	Do.
Anticoncrete, Type 19.....	TNT.....	95. 7	do.....	s.F.H. 18.
Rocket-assisted projectile.....	Diglycol.....	99. 5	Electric nose percussion, graze operated, instan- taneous.	s.F.H. 18.
17.0 cm.:				
HE, Type 38, with ballistic cap.....	TNT.....	138. 0	Nose percussion or time and percussion.	K. mit Mörser Lafette.
HE, Type 39.....	do.....	150. 0	do.....	Do.
21.0 cm.:				
Anticoncrete, Type 18.....	do.....	268. 0	Base detonating.....	Mörser 18.

¹ Unidentified.² The Germans refer to calibers approximately; for instance, the 10.5 cm. gun is always known as the "s. 10 cm. K. 18."