

Trials against Armour Plates and Tubes—*continued.*

O.B. Minute.	Nature of plate.	Nature of projectile.	Angle of attack from normal.	Striking velocity. f.s.	Result		
					Projectile.	Plate.	
9,740	Beardmore's 6·83 - inch. No. 13 A.VI	9·2-inch A.P.C., Hadfield, C.S.	Mark IV.,	5°	1,458	Broke up on face	Penetration, 3·3 inches.
				Normal	1,456	Do.	Penetration, 3·5 inches.
				5°	1,504	Do.	Penetration, 4 inches.
				8°	1,558	Perforated and broke up	Hole: front, 8·4 by 9·3 inches; back, 9 by 10 inches.
				4½°	1,534	Broke up on face	Penetration not measured.
<i>6-inch Plates.</i>							
9,740	Cammell's 5·90 - inch. No. 6,707.	9·2-inch A.P.C., Hadfield, C.S.	Mark IV.,	Normal	1,339	Broke up on face	Penetration, 3·1 inches.
				"	1,339	Punched out disc and broke up	Front hole, 10 inches. Back disc, 22 by 18½ inches.
9,740	Brown's 5·96 - inch. No. 76/8,822.	Do.	do.	"	1,283	Do. do.	Front hole, 10 by 10½ inches. Back disc, 27 by 17 inches.
				"	1,243	Broke up on face	Penetration, 3·4 inches.
				"	1,288	Do.	Penetration, 2·7 inches.
				"	1,334	Do.	Penetration, 4½ inches.
				"	1,331	Do.	Penetration, 5½ inches.
9,932	Brown's 5·95 - inch. No. 10 S/8,612.	Do.	do.	"	1,357	Punched out plug and broke up	Front hole, 7¾ by 6¾ inches. Back plug, 14 by 7 inches.
				4°	1,194	Do. do.	Hole: front, 6¾ by 7¾ inches; back, 11½ by 7 inches.
				6°	1,096	Broke up on face	Penetration, 1·7 inches.
				5°	1,143	Do.	Penetration not measured.
10,190	Vickers' 5·926 - inch. No. 87 S/8141.	Do.	do.	2°	1,168	Punched out plug and broke up	Hole: front, 5 by 5½ inches; back, 5½ by 6 inches.
				Normal	1,325	Punched out disc and broke up	Front hole, 13½ inches. Back damage, 26¾ by 27¾ inches.
				"	1,215	Broke up on face	Penetration, 2 inches.
				"	1,262	Punched out disc and broke up	Front hole, 14¾ by 12¾ inches. Back damage, 32 by 29 inches.
				"	1,236	Do. do.	Front hole, 13 by 14 inches. Back damage, 25½ by 31½ inches.
				"	1,213	Do. do.	Front hole, 11½ by 12½ inches. Back damage, 25 by 28 inches.
				"	1,183	Broke up on face	Penetration, 1·4 inches.