

British Gun penetration tables

Below are penetration values for British guns, for the plate type "HH" is armour of high hardness, "MQ" is machineable quality armour i.e. rolled homogenous and "FH" is face hardened armour.

Gun

Ammunition

Muzzle Velocity

Angle

Plate

500 Yards

1000 Yards

2000 Yards

Boys AT

Mk II

2950fps

0

HH

17.5

12.4

-

Boys AT

Mk II

2950fps

30

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Written by David Boyd
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HH

12

10.2

-

2pdr

AP Shell

2600fps

30

MQ

42

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36

-

2pdr

AP

2600fps

30

MQ

46

38

22

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2pdr

AP HV

2800fps

30

MQ

51

41

24

2pdr

APCBC

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2650fps

30

MQ

54

47

35

2pdr

Littlejohn Mk I

4400fps

30

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MQ

90

71

-



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1

1

6pdr Mk II/II

AP

2650fps

30

MQ

73

62

41

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30

FH

64

51

31

6pdr Mk II/III

AP

2800fps

30

MQ

79

66

44



30

FH

69

55

34

6pdr Mk II/III

APC

2800fps

30

MQ

72

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Written by David Boyd
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61

40



30

FH

88

72

45

6pdr Mk II/III

APCBC

2630fps

30

MQ

68

60

44



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1

30

FH

80

73

57

6pdr Mk IV/V

AP

2900fps

30

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MQ

82

71

48

6pdr Mk IV/V

APC

2900fps

30

MQ

78

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67

44



30

FH

93

76

48

6pdr Mk IV/V

APCBC

2780fps

30

MQ

86

80

68



British Anti-Tank Gun Penetration tables

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1

30

FH

97

82

64

Assumed IV/V

APCR

-

30

MQ

109

90

75

Assumed IV/V

APDS

4000fps

0

MQ

173

153

119



30

MQ

138

123

95





















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17pdr

AP

2900fps

30

MQ

118

110

89

17pdr

APC

2900fps

30

MQ

121

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109

84

17pdr

APCBC

2900fps

30

MQ

140

131

111

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17pdr

APDS

3950fps

30

MQ

209

192

161

77mm

APCBC

2575fps

30

MQ

120

110

90

77mm

APDS

30

MQ

182

165

130

Sources - See individual weapon for more details