

## Rates of fire



(Veterans, summer mid-day, stationary, in command)

I issued area fire orders into empty ground 150 metres to their front and logged the ammo depletion rates over several turns of continual firing.

The standard rates below often randomly varied each turn by one shell up or down.

The Sturmtyger sometimes spent an entire turn reloading without firing.

Note - Experience levels affect ROF, for example Elites fire 1 or 2 shells faster per minute, and Conscripts fire less.

### GERMAN AFV's

Pz IIF (20mm L/55) = 13 bursts per minute  
 Pz IIIF (37mm L/47) = 12 shells per minute  
 Pz IIH (50mm L/42) = 10  
 Pz IIJ (50mm L/60) = 10  
 Marder (75mm L/46) = 8  
 Pz IVE (75mm L/24) = 8  
 Pz IVG (75mm L/43) = 8  
 Pz IVG late (75mm L/48) = 8  
 Panther (75mm L/70) = 7  
 Tiger (88mm L/56) = 6  
 Kingtiger (88mm L/71) = 6  
 Brumbar (150mm L/12) = 3  
 Jagdtiger (128mm L/55) = 3  
 Sturmtyger (380mm L/5) = 1

### GERMAN GUNS

37mmPak36 ATG = 12 shells per minute  
 50mmPak38 ATG = 11  
 75mmPak40 ATG = 9  
 88mmFlak = 7  
 88 Pak 43 = 7  
 88 Pak 43/41 = 7  
 Panzerschreck = all 5 shots gone in 45secs  
 Flamethrowers = all 9 squirts gone in 52 secs

### RUSSIAN AFV's

T-60 (20mm L/82) = 10 bursts per minute  
 T-26 (45mm L/46) = 7 shells per minute  
 SU-76 (76.2mm L/42) = 8  
 T-34/76 (76.2mm L/42) = 6  
 T-34/85 (85mm L/55) = 6  
 IS-2 (122mm L/48) = 3  
 ISU-122 (122mm L/48) = 3  
 KV-2 (152 L/20) = 2  
 ISU-152 (152 L/29) = 2

### RUSSIAN GUNS

37mm ATG = 13 shells per minute  
 45mm ATG = 11  
 76.2mm M36 F22 = 9  
 76.2mm M1939 F-22 USV = 9  
 76.2mm M1942 Zis-3 = 8  
 100mm BS-3 ATG = 6  
 Flamethrower = all 4 squirts gone in 23 secs

### AMERICAN GUNS

105mmH = 6  
 90mmAA = 7  
 76mm ATG = 9  
 57mm ATG = 11  
 Bazooka - 7  
 Flamethrower-all 6 squirts gone in 38secs

### BRITISH GUNS

25pdr = 7  
 17pdr ATG = 8  
 6pdr ATG = 11  
 2pdr ATG = 13  
 PIAT -average 4 shots per min  
 Flamethrower-all 6 squirts gone in 38secs

