







|                                  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                  | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 10 | 10 | 10 | 9  |
| <b>P obr. 39 76mm Field Guns</b> | 12 | 11 | 9  | 7  | 5  | 3  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|                                  | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 10 | 10 | 10 | 9  |
| <b>P obr. 44 85mm Field Guns</b> | 20 | 18 | 16 | 14 | 11 | 8  | 5  | 2  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|                                  | 14 | 14 | 14 | 14 | 14 | 14 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 11 |

| UNIT NAME                              | RANGE |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|--|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|  | 1     | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 3  |
| <b>P obr. 10/30 107mm Field Guns</b>   | 6     | 5  | 4  | 3  | 2  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|  | 18    | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 15 | 15 | 1  |
| <b>G obr. 10/30 122mm Howitzers</b>    | 8     | 4  | 2  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|  | 21    | 21 | 21 | 20 | 20 | 20 | 19 | 19 | 18 | 18 | 17 | 17 | 16 | 16 | 15 | 15 | 14 | 14 | 14 | 13 | 1  |
| <b>G obr. 38 122mm Howitzers</b>       | 10    | 8  | 5  | 2  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|  | 21    | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 1  |
| <b>P obr. 31 122mm Field Guns</b>      | 20    | 17 | 14 | 11 | 8  | 5  | 2  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|  | 21    | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 1  |
| <b>G obr. 38 152mm Howitzers</b>       | 14    | 12 | 10 | 7  | 3  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|  | 24    | 24 | 24 | 23 | 23 | 23 | 22 | 22 | 22 | 21 | 21 | 21 | 20 | 20 | 20 | 19 | 19 | 19 | 18 | 18 | 1  |
| <b>GP obr. 37 152mm Gun- Howitzers</b> | 16    | 14 | 12 | 9  | 6  | 3  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|  | 24    | 24 | 24 | 24 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 1  |
| <b>G obr. 31 203mm Howitzers</b>       | 10    | 7  | 4  | 2  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|  | 30    | 30 | 30 | 29 | 29 | 29 | 28 | 28 | 28 | 28 | 27 | 27 | 27 | 26 | 26 | 26 | 25 | 25 | 25 | 24 | 24 |
| <b>M-30-4 300mm Rockets</b>            | 0     | 0  | 0  | 0  | 0  | 4  | 4  | 3  | 3  | 2  | 2  |    |    |    |    |    |    |    |    |    |    |
|  | 0     | 0  | 0  | 0  | 0  | 21 | 20 | 19 | 18 | 17 | 16 |    |    |    |    |    |    |    |    |    |    |
| <b>M-31-8 300mm Rockets</b>            | 0     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 7  | 7  | 7  | 6  | 6  | 5  | 5  | 4  | 4  |    |    |    |    |
|  | 0     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 36 | 34 |    |    |    |    |
| <b>ZP obr. 39 37mm AA Guns</b>         | 6     | 4  | 2  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|  | 12    | 11 | 10 | 9  | 8  | 7  | 6  | 5  |    |    |    |    |    |    |    |    |    |    |    |    |    |

| UNIT NAME                           | RANGE |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|-------------------------------------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
|                                     | 1     | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 3 |
| <b>ZP obr. 38 76mm AA Guns</b>      | 26    | 24 | 22 | 19 | 16 | 13 | 10 | 7  |    |    |    |    |    |    |    |    |    |    |    |    |   |
|                                     | 12    | 12 | 11 | 11 | 10 | 10 | 9  | 9  | 8  | 8  | 7  | 7  | 6  | 6  | 5  | 5  |    |    |    |    |   |
| <b>ZP obr. 39 85mm AA Guns</b>      | 30    | 26 | 22 | 18 | 16 | 12 | 8  | 4  |    |    |    |    |    |    |    |    |    |    |    |    |   |
|                                     | 15    | 15 | 14 | 14 | 13 | 13 | 12 | 12 | 11 | 11 | 10 | 10 | 9  | 9  | 8  | 8  | 7  | 7  | 6  | 6  |   |
| <b>Rifle Platoon</b>                | 1     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|                                     | 6     | 3  | 2  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
| <b>Rifle Platoon</b>                | 2     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|                                     | 4     | 2  | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
| <b>Rifle Platoon</b>                | 3     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|                                     | 8     | 4  | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
| <b>Guards Rifle Platoon</b>         | 3     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|                                     | 4     | 2  | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
| <b>Guards Rifle Platoon</b>         | 4     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|                                     | 8     | 4  | 2  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
| <b>Submachinegun Platoon</b>        | 0     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|                                     | 2     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
| <b>Submachinegun Platoon</b>        | 3     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|                                     | 4     | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
| <b>Guards Submachinegun Platoon</b> | 0     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|                                     | 2     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |

UNIT NAME RANGE







|   |    |    |    |    |    |    |   |   |   |
|---|----|----|----|----|----|----|---|---|---|
|   | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 |
| <b>SPW 251/9 75mm Howitzer Halftracks</b> | 8  | 5  | 3  |    |    |    |   |   |   |
|   | 12 | 12 | 11 | 10 | 9  | 8  | 7 | 6 | 5 |

**UNIT NAME**

**RANGE**

**SPW 251/16 Flamethrower Halftracks**

|  |   |   |   |  |  |  |  |  |  |
|--|---|---|---|--|--|--|--|--|--|
|  | 2 |   |   |  |  |  |  |  |  |
|  | 3 | 2 | 1 |  |  |  |  |  |  |

**SPW 251/22 75mm AT Halftracks**

|  |    |    |    |    |    |    |    |   |   |
|--|----|----|----|----|----|----|----|---|---|
|  | 26 | 24 | 22 | 20 | 18 | 15 | 12 | 9 |   |
|  | 8  | 8  | 7  | 7  | 6  | 6  | 5  | 5 | 4 |
|  |    |    |    |    |    |    |    | 4 | 3 |
|  |    |    |    |    |    |    |    |   | 3 |

**SPW 250/9 20mm Recon Halftracks**

|  |   |   |   |   |   |  |  |  |  |
|--|---|---|---|---|---|--|--|--|--|
|  | 4 | 2 |   |   |   |  |  |  |  |
|  | 8 | 7 | 6 | 4 | 3 |  |  |  |  |

**PSW 221 Armored Cars**

|  |   |   |   |  |  |  |  |  |  |
|--|---|---|---|--|--|--|--|--|--|
|  | 2 |   |   |  |  |  |  |  |  |
|  | 3 | 2 | 1 |  |  |  |  |  |  |

**PSW 222 Armored Cars**

|  |   |   |   |   |   |  |  |  |  |
|--|---|---|---|---|---|--|--|--|--|
|  | 4 | 3 |   |   |   |  |  |  |  |
|  | 9 | 8 | 7 | 5 | 4 |  |  |  |  |

**PSW 231 (8 rad) Armored Cars**

|  |   |   |   |   |   |  |  |  |  |
|--|---|---|---|---|---|--|--|--|--|
|  | 4 | 3 |   |   |   |  |  |  |  |
|  | 9 | 8 | 7 | 5 | 4 |  |  |  |  |

**PSW 233 75mm How. Armored Cars**

|  |    |    |    |    |   |   |   |   |   |
|--|----|----|----|----|---|---|---|---|---|
|  | 8  | 5  | 3  |    |   |   |   |   |   |
|  | 12 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 |

**PSW 234/1 Armored Cars**

|  |   |   |   |   |   |  |  |  |  |
|--|---|---|---|---|---|--|--|--|--|
|  | 4 | 3 |   |   |   |  |  |  |  |
|  | 9 | 8 | 7 | 5 | 4 |  |  |  |  |

**PSW 234/2 Armored Cars**

|  |    |    |    |   |   |   |   |   |   |
|--|----|----|----|---|---|---|---|---|---|
|  | 12 | 11 | 10 | 8 | 6 | 3 |   |   |   |
|  | 5  | 5  | 4  | 4 | 3 | 3 | 2 | 2 | 2 |

**PSW 234/3 75mm How. Armored Cars**

|  |    |    |    |    |   |   |   |   |   |
|--|----|----|----|----|---|---|---|---|---|
|  | 8  | 5  | 3  |    |   |   |   |   |   |
|  | 12 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 |

**UNIT NAME**

**RANGE**

**PSW 234/4 75mm AT Armored Cars**

|  |    |    |    |    |    |    |   |   |   |
|--|----|----|----|----|----|----|---|---|---|
|  | 24 | 22 | 20 | 18 | 15 | 12 | 9 | 6 |   |
|  | 6  | 6  | 6  | 5  | 5  | 5  | 4 | 4 | 3 |
|  |    |    |    |    |    |    |   | 3 | 3 |
|  |    |    |    |    |    |    |   |   | 3 |

**sIG IB 150mm SP Howitzers**

|  |    |    |    |    |    |    |    |    |    |
|--|----|----|----|----|----|----|----|----|----|
|  | 10 | 8  | 5  | 2  | 1  | 1  | 1  | 1  | 1  |
|  | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 |
|  |    |    |    |    |    |    |    | 15 | 14 |
|  |    |    |    |    |    |    |    | 13 | 12 |

**sIG 38(t) 150mm SP Howitzers**

|  |    |    |    |    |    |    |    |    |    |
|--|----|----|----|----|----|----|----|----|----|
|  | 10 | 8  | 5  | 2  | 1  | 1  | 1  | 1  | 1  |
|  | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 |
|  |    |    |    |    |    |    |    | 15 | 14 |
|  |    |    |    |    |    |    |    | 13 | 12 |

**PzA II 105mm SP Howitzers**

|  |    |    |    |    |    |    |    |    |    |
|--|----|----|----|----|----|----|----|----|----|
|  | 8  | 6  | 4  | 2  | 1  | 1  | 1  | 1  | 1  |
|  | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 16 |
|  |    |    |    |    |    |    |    | 16 | 16 |
|  |    |    |    |    |    |    |    | 16 | 16 |

**PzA III/IV 150mm SP Howitzers**

|  |    |    |    |    |    |    |    |    |    |
|--|----|----|----|----|----|----|----|----|----|
|  | 12 | 11 | 9  | 7  | 5  | 3  | 1  | 1  | 1  |
|  | 24 | 24 | 23 | 23 | 22 | 22 | 21 | 21 | 20 |
|  |    |    |    |    |    |    |    | 20 | 19 |
|  |    |    |    |    |    |    |    | 19 | 19 |

**Panzerwerfer 42 150mm Rockets**

|  |    |    |    |    |    |    |    |    |    |
|--|----|----|----|----|----|----|----|----|----|
|  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 5  | 5  |
|  | 48 | 48 | 45 | 45 | 42 | 42 | 39 | 39 | 36 |
|  |    |    |    |    |    |    |    | 36 | 36 |
|  |    |    |    |    |    |    |    | 33 | 33 |

**FlaKPz 38(t) 20mm AA Tanks**

|  |   |   |   |   |   |  |  |  |  |
|--|---|---|---|---|---|--|--|--|--|
|  | 4 | 3 |   |   |   |  |  |  |  |
|  | 9 | 8 | 7 | 5 | 4 |  |  |  |  |

**FlaKPz IV 37mm AA Tanks**

|  |    |    |    |   |   |   |   |   |  |
|--|----|----|----|---|---|---|---|---|--|
|  | 6  | 4  | 2  |   |   |   |   |   |  |
|  | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 |  |

**FlaKPz IV/20 quad-20mm AA Tanks**

|  |    |    |    |    |    |  |  |  |  |
|--|----|----|----|----|----|--|--|--|--|
|  | 4  | 3  |    |    |    |  |  |  |  |
|  | 24 | 22 | 19 | 15 | 11 |  |  |  |  |

**FlaKPz IV/37 37mm AA Tanks**

|  |    |    |    |   |   |   |   |   |  |
|--|----|----|----|---|---|---|---|---|--|
|  | 6  | 4  | 2  |   |   |   |   |   |  |
|  | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 |  |

**UNIT NAME**

**RANGE**

|          |          |          |          |          |          |          |          |          |           |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| <b>1</b> | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>6</b> | <b>7</b> | <b>8</b> | <b>9</b> | <b>10</b> |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|









**UNIT NAME****RANGE**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 3

**Engineer Platoon**

18

12 8 3

**SS Engineer Platoon**

18

12 8 3

**Cavalry Platoon**

1

6 4 2 1

**SS Cavalry Platoon**

1

6 4 2 1

**Motorcycle Platoon**

2

12 9 6 3

**SS Motorcycle Platoon**

2

12 9 6 3

**Bicycle Platoon**

2

12 9 6 3

**SS Bicycle Platoon**

2

12 9 6 3

**Motorcycle MG Platoon**

2

16 12 10 8 6 4

**SS Motorcycle MG Platoon**

2

16 12 10 8 6 4

**UNIT NAME****RANGE**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 3

**Battalion HQ (foot)**

2

4 2 1

**Battalion HQ**

2

4 2 1

**Regimental HQ**

4

6 3 1

**Brigade HQ**

4

6 3 1

**Divisional HQ**

4

8 4 2

**Corps HQ**

5

10 5 2

**Army HQ**

6

12 6 3

**Commander (all)**

0

0

