

.300 Win. Mag. SWISS P Tactical

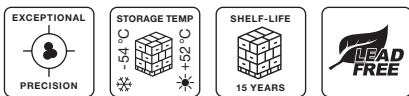
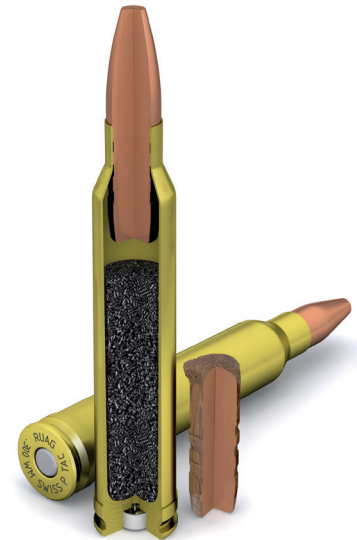
12.1 g / 186 gr

Excellent first hit probability of targets behind angled glass

No projectile deflection and fragmentation ensure the safety of bystanders

Coordinated ballistics with SWISS P Ball, Target, Styx Action and Armour Piercing rounds up to 300 m

The machine-made solid bullet has a particularly precise and sharp flat top which enables a straight shot through glass



| | | |
|--------------------------|---|---------------|
| Cartridge | 7.62x67 / .300 Win. Mag. | |
| projectile | SFNBT, 12.1 g / 186 gr | |
| projectile material | CuZn - alloy | |
| ballistic coefficient G1 | 0.2998 (ICAO) | |
| primer / propellant | SINOXID / double base powder | |
| case material | CuZn - alloy | |
| cartridge weight | 32.0 g | |
| Performance | | |
| term of reference | C.I.P. | |
| mean chamber pressure | max. 4 300 bar | (21°C) |
| muzzle velocity | 870 m/s (2 854 fps) | 650 mm barrel |
| muzzle energy | 4 579 J | |
| accuracy at 300 m | $S_a \leq 18$ mm | |
| Packaging | | |
| standard cardboard box | 20rds / cardboard box, 200rds / cardboard box, 10000rds EU pallet | |

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12.1 g/ 186 gr

| Ballistic Coefficients | 870 m/s | 340 m/s | 200 m/s |
|--------------------------|---------|---------|---------|
| Drag Coefficient | 0.5105 | 0.4934 | 0.2495 |
| Ballistic Coefficient G1 | 0.2998 | 0.2487 | 0.2575 |
| Ballistic Coefficient G7 | 0.1547 | 0.1987 | 0.1493 |

| Ballistic Coefficients | 2854 fps | 1115 fps | 656 fps |
|--------------------------|----------|----------|---------|
| Drag Coefficient | 0.5105 | 0.4934 | 0.2495 |
| Ballistic Coefficient G1 | 0.2998 | 0.2487 | 0.2575 |
| Ballistic Coefficient G7 | 0.1547 | 0.1987 | 0.1493 |

| Trajectory | 0 m | 50 m | 100 m | 150 m | 200 m | 250 m | 300 m | 350 m | 400 m | 450 m | 500 m | 550 m | 600 m |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Velocity [m/s] | 870 | 817 | 765 | 715 | 668 | 624 | 582 | 543 | 506 | 472 | 440 | 411 | 384 |
| Energy [J] | 4'579 | 4'038 | 3'541 | 3'093 | 2'700 | 2'356 | 2'049 | 1'784 | 1'549 | 1'348 | 1'171 | 1'022 | 892 |
| Time of flight [ms] | 0 | 59 | 123 | 190 | 262 | 340 | 423 | 512 | 607 | 710 | 819 | 937 | 1063 |
| Wind drift [cm] | 0 | 1 | 4 | 9 | 16 | 26 | 39 | 55 | 74 | 96 | 122 | 152 | 187 |

| Trajectory | 0 yds | 50 yds | 100 yds | 150 yds | 200 yds | 250 yds | 300 yds | 350 yds | 400 yds | 450 yds | 500 yds | 550 yds | 600 yds |
|---------------------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Velocity [fps] | 2854 | 2695 | 2537 | 2384 | 2241 | 2106 | 1976 | 1855 | 1740 | 1634 | 1533 | 1442 | 1356 |
| Energy [J] | 4579 | 4081 | 3618 | 3196 | 2822 | 2492 | 2194 | 1934 | 1701 | 1500 | 1321 | 1169 | 1034 |
| Time of flight [ms] | 0 | 54 | 112 | 173 | 239 | 309 | 383 | 463 | 547 | 636 | 731 | 830 | 933 |
| Wind drift [inch] | 0 | 0.33 | 1.31 | 2.99 | 5.42 | 8.67 | 12.79 | 17.86 | 23.93 | 31.07 | 39.35 | 48.84 | 59.62 |

Test barrel length: 650 mm / Twist rate: 10" / Crosswind velocity: 5 m/s Reference conditions: 15 °C/59 °F / 1013.25 hPa / 0% humidity / 0 m/ft above sea level

| Trajectory | cm | 50 m | 100 m | 150 m | 200 m | 250 m | 300 m | 350 m | 400 m | 450 m | 500 m | 550 m | 600 m |
|-----------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Rifle zeroed at | 50 m | x | -2 | -7 | -16 | -28 | -45 | -67 | -95 | -131 | -174 | -228 | -292 |
| | 100 m | 1 | x | -5 | -12 | -24 | -40 | -61 | -88 | -123 | -166 | -218 | -282 |
| | 150 m | 3 | 3 | x | -5 | -15 | -29 | -49 | -75 | -107 | -148 | -199 | -261 |
| | 200 m | 4 | 6 | 5 | x | -9 | -22 | -40 | -64 | -95 | -135 | -185 | -245 |
| | 250 m | 6 | 9 | 10 | 7 | x | -11 | -27 | -50 | -80 | -118 | -165 | -224 |
| | 300 m | 8 | 13 | 15 | 14 | 9 | x | -15 | -36 | -64 | -100 | -146 | -203 |
| | 350 m | 10 | 17 | 22 | 23 | 20 | 13 | x | -19 | -44 | -78 | -122 | -177 |
| | 400 m | 12 | 21 | 28 | 31 | 31 | 26 | 15 | x | -25 | -57 | -98 | -151 |
| | 450 m | 15 | 27 | 36 | 42 | 44 | 41 | 34 | 20 | x | -30 | -69 | -120 |
| | 500 m | 18 | 33 | 45 | 54 | 59 | 60 | 55 | 44 | 26 | x | -36 | -83 |

| Trajectory | inch | 50 yds | 100 yds | 150 yds | 200 yds | 250 yds | 300 yds | 350 yds | 400 yds | 450 yds | 500 yds | 550 yds | 600 yds |
|-----------------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Rifle zeroed at | 50 yds | x | -0.91 | -2.70 | -5.54 | -9.59 | -15.04 | -22.08 | -30.95 | -41.93 | -55.32 | -71.52 | -90.94 |
| | 100 yds | 0.42 | x | -1.28 | -3.65 | -7.24 | -12.21 | -18.78 | -27.18 | -37.68 | -50.61 | -66.34 | -85.28 |
| | 150 yds | 0.89 | 0.98 | x | -1.77 | -4.88 | -9.38 | -15.48 | -23.41 | -33.44 | -45.90 | -61.15 | -79.63 |
| | 200 yds | 1.36 | 1.92 | 1.54 | x | -2.53 | -6.56 | -12.18 | -19.64 | -29.20 | -41.18 | -55.97 | -73.97 |
| | 250 yds | 1.83 | 2.86 | 2.96 | 2.00 | x | -3.73 | -8.88 | -15.86 | -24.96 | -36.47 | -50.79 | -68.32 |
| | 300 yds | 2.46 | 4.12 | 4.84 | 4.52 | 2.97 | x | -4.48 | -10.84 | -19.31 | -30.19 | -43.88 | -60.78 |
| | 350 yds | 3.09 | 5.37 | 6.73 | 7.03 | 6.12 | 3.81 | x | -5.81 | -13.65 | -23.91 | -36.96 | -53.22 |
| | 400 yds | 3.88 | 6.95 | 9.09 | 10.17 | 10.04 | 8.53 | 5.41 | x | -6.58 | -16.05 | -28.32 | -43.80 |
| | 450 yds | 4.66 | 8.52 | 11.44 | 13.31 | 13.97 | 13.24 | 10.91 | 6.76 | x | -8.20 | -19.68 | -34.37 |
| | 500 yds | 5.45 | 10.09 | 13.80 | 16.46 | 17.90 | 17.95 | 16.41 | 13.04 | 7.56 | x | -11.04 | -24.95 |

Maximum range: 3831 m / 4190 yds

Remark: Technical specification and numerical data are given as an indication only and are of no contractual nature.

Diagram of different zero ranges

