

.300 Win. Mag. SWISS P AP

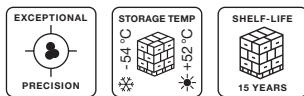
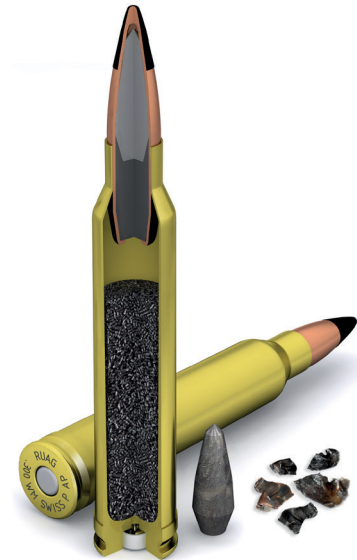
12.7 g / 196 gr

The most accurate Armour Piercing round

The tungsten carbide core provides outstanding penetration power

Extended barrel durability due to patented projectile design

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



Cartridge	7.62x67 / .300 Win. Mag.	
projectile	AP, 12.7 g / 196 gr	
projectile material	tombac jacket, tungsten carbide and lead core	
ballistic coefficient G1	0.6066 (ICAO)	
primer / propellant	SINOXID / double base powder	
case material	CuZn - alloy	
cartridge weight	33.0 g	
Performance		
term of reference	C.I.P.	
mean chamber pressure	max. 4 300 bar	(21°C)
muzzle velocity	855 m/s (2 805 fps)	650 mm barrel
muzzle energy	4 642 J	
accuracy at 300 m	$S_a \leq 35$ mm	
Packaging		
standard cardboard box	20rds / cardboard box, 200rds / cardboard box, 10000rds EU pallet	
military M2A1 metal box	10rds / cardboard box, 200rds / M2A1 metal box, 16000rds EU pallet	

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Ballistic Coefficients	855 m/s	340 m/s	200 m/s
Drag Coefficient	0.2818	0.4266	0.1422
Ballistic Coefficient G1	0.6066	0.3194	0.5032
Ballistic Coefficient G7	0.3131	0.2552	0.2917

Ballistic Coefficients	2805 fps	1115 fps	656 fps
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Ballistic Coefficient G7	0.3131	0.2552	0.2917

Trajectory	0 m	100 m	300 m	500 m	600 m	700 m	800 m	900 m	1000 m	1100 m	1200 m	1300 m	1400 m
Velocity [m/s]	855	803	705	612	569	526	485	445	407	371	337	314	300
Energy [J]	4'642	4'095	3'156	2'378	2'056	1'757	1'494	1'257	1'052	874	721	626	572
Time of flight [ms]	0	121	387	691	860	1043	1241	1457	1692	1949	2232	2541	2868
Wind drift [cm]	0	2	18	53	79	112	153	202	261	331	414	510	615

Trajectory	0 yds	100 yds	300 yds	500 yds	600 yds	700 yds	800 yds	900 yds	1000 yds	1100 yds	1200 yds	1300 yds	1400 yds
Velocity [fps]	2805	2648	2351	2068	1937	1806	1680	1556	1437	1325	1219	1126	1042
Energy [J]	4642	4137	3262	2524	2214	1924	1665	1427	1219	1036	877	749	641
Time of flight [ms]	0	110	349	617	765	922	1091	1271	1466	1677	1905	2153	2424
Wind drift [inch]	0	0.67	6.22	17.93	25.93	36.43	49.23	64.61	82.87	104.37	129.52	158.90	192.73

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	100 m	300 m	500 m	600 m	700 m	800 m	900 m	1000 m	1100 m	1200 m	1300 m	1400 m
Rifle zeroed at	100 m	x	-39	-146	-230	-340	-479	-653	-869	-1134	-1458	-1855	-2339
	300 m	13	x	-80	-151	-248	-374	-536	-738	-990	-1301	-1685	-2155
	500 m	29	47	x	-57	-138	-249	-394	-581	-817	-1112	-1481	-1936
	600 m	39	76	46	x	-71	-172	-308	-485	-711	-997	-1356	-1801
	700 m	49	107	99	63	x	-88	-214	-380	-596	-872	-1220	-1654
	800 m	60	141	156	131	82	x	-111	-267	-471	-735	-1072	-1495
	900 m	73	178	217	205	167	100	x	-145	-337	-589	-913	-1324
	1000 m	88	222	291	294	271	219	132	x	-174	-411	-720	-1116
	1100 m	103	270	369	388	381	345	273	161	x	-222	-516	-896
	1200 m	122	325	461	498	509	491	438	344	201	x	-278	-640

Trajectory	inch	100 yds	300 yds	500 yds	600 yds	700 yds	800 yds	900 yds	1000 yds	1100 yds	1200 yds	1300 yds	1400 yds
Rifle zeroed at	100 yds	x	-13.11	-47.33	-74.20	-108.78	-152.23	-205.92	-271.55	-351.06	-447.04	-562.42	-701.21
	300 yds	4.36	x	-25.34	-47.81	-78.00	-117.04	-166.33	-227.53	-302.69	-394.23	-505.26	-639.61
	500 yds	9.39	15.17	x	-17.65	-42.81	-76.83	-121.10	-177.27	-247.41	-333.92	-439.89	-569.21
	600 yds	12.22	23.65	13.93	x	-23.02	-54.21	-95.65	-149.00	-216.27	-299.96	-403.09	-529.58
	700 yds	15.36	33.08	29.64	18.17	x	-29.08	-67.38	-117.59	-181.72	-262.26	-362.26	-485.62
	800 yds	19.13	44.39	48.49	40.79	25.37	x	-33.45	-79.89	-140.25	-217.03	-313.26	-432.80
	900 yds	22.91	55.70	67.34	63.41	51.76	31.24	x	-42.19	-98.79	-171.80	-264.22	-379.99
	1000 yds	26.99	67.95	87.76	87.92	80.35	63.91	37.24	x	-53.86	-122.76	-211.14	-322.83
	1100 yds	32.02	83.03	112.90	118.08	115.54	104.13	82.48	48.92	x	-62.45	-145.76	-252.43
	1200 yds	37.36	99.05	139.60	150.12	152.92	146.86	130.55	102.32	60.20	x	-76.34	-177.63

Maximum range: 6041 m / 6606 yds

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

Diagram of different zero ranges

