

Metric CENTERFIRE P&R BALLISTICS

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CARTRIDGE	LINE	SKU	WT (Grams)	BULLET STYLE	Sight Height	Zero Range	VELOCITY (M/sec)				ENERGY (Joules)				TRAJECTORY (cm)							BARREL LENGTH*	BALLISTIC COEFFICIENT	
							MUZZLE	15m	25m	50m	MUZZLE	15m	25m	50m	5m	10m	15m	25m	35m	40m	45m			50m
380 Auto	TAC-XPD Defense	21552	5.18	TAC-XP	2.3	25	302	293	288	276	236	223	215	197	-1.3	-0.5	-0.1	0.0	-1.1	-2.1	-3.5	-5.1	5.1	0.107
9mm Luger	Defense	32528††	7.45	Sierra	2.3	25	346	333	325	309	446	413	395	356	-1.4	-0.7	-0.3	0.0	-0.7	-1.4	-2.3	-3.5	10.2	0.125
	VOR-TX Handgun	32005	7.45	TAC-XP	2.3	25	343	333	328	315	438	414	400	370	-1.4	-0.7	-0.3	0.0	-0.7	-1.3	-2.3	-3.4	10.2	0.167
	Defense	32529†††	8.04	Sierra	2.3	25	332	321	314	299	443	413	396	360	-1.4	-0.7	-0.2	0.0	-0.8	-1.6	-2.6	-3.9	10.2	0.120
	Suppressor Series	32530††††	9.53	Sierra	2.3	25	300	294	290	282	429	412	402	378	-1.3	-0.5	-0.1	0.0	-1.1	-2.1	-3.4	-5.0	10.2	0.157
9mm Luger+P ‡	TAC-XPD Defense	21551	7.45	TAC-XP	2.3	25	343	333	328	315	438	414	400	370	-1.4	-0.7	-0.3	0.0	-0.7	-1.3	-2.3	-3.4	10.2	0.167
357 Mag	TAC-XPD Defense	21550	8.10	TAC-XP	2.3	25	366	354	346	330	543	507	485	440	-1.5	-0.8	-0.3	0.0	-0.5	-1.0	-1.8	-2.8	5.1**	0.160
	VOR-TX Handgun	21543	9.07	XPB	2.3	25	386	371	362	342	676	625	594	529	-1.5	-0.9	-0.4	0.0	-0.4	-0.8	-1.5	-2.4	10.2**	0.151
	Pioneer	32141	9.07	XPB	2.3	25	390	375	365	344	690	637	605	538	-1.5	-0.9	-0.4	0.0	-0.3	-0.8	-1.4	-2.3	15.2	0.151
	Pioneer	32140	11.66	JHP	2.3	25	373	362	356	341	811	766	739	679	-1.5	-0.8	-0.4	0.0	-0.4	-0.9	-1.6	-2.5	15.2	0.200
40 S&W	TAC-XPD Defense	21554	9.07	TAC-XP	2.3	25	341	329	322	307	528	491	470	427	-1.4	-0.7	-0.3	0.0	-0.7	-1.4	-2.4	-3.6	10.2	0.128
40 S&W	VOR-TX Handgun	32006	9.07	TAC-XP	2.3	25	341	329	322	307	528	491	470	427	-1.4	-0.7	-0.3	0.0	-0.7	-1.4	-2.4	-3.6	10.2	0.128
10mm Auto	VOR-TX Handgun	31180	10.04	XPB	2.3	25	366	355	349	334	673	635	611	561	-1.5	-0.8	-0.3	0.0	-0.5	-1.0	-1.8	-2.7	15.2	0.189
41 Remington Mag	VOR-TX Handgun	22037	11.66	XPB	2.3	25	463	439	424	390	1250	1125	1049	886	-1.6	-1.0	-0.5	0.0	0.0	-0.2	-0.6	-1.1	15.2**	0.126
44 Remington Mag	VOR-TX Handgun	21545 †	14.58	XPB	2.3	25	396	382	373	352	1144	1062	1012	905	-1.5	-0.9	-0.4	0.0	-0.3	-0.7	-1.3	-2.1	15.2	0.166
	Pioneer	32173	14.58	XPB	2.3	25	396	382	373	352	1144	1062	1012	905	-1.5	-0.9	-0.4	0.0	-0.3	-0.7	-1.3	-2.1	15.2	0.166
	Pioneer	32172	19.44	JHP	2.3	25	300	296	293	286	875	850	834	798	-1.3	-0.5	-0.1	0.0	-1.1	-2.0	-3.3	-4.8	15.2	0.218
45 Auto	VOR-TX Handgun	32007	11.99	TAC-XP	2.3	25	323	316	311	301	626	597	580	542	-1.4	-0.7	-0.2	0.0	-0.8	-1.6	-2.7	-4.0	12.7	0.167
45 Auto+P ‡	TAC-XPD Defense	21555	11.99	TAC-XP	2.3	25	335	326	321	309	673	639	618	574	-1.4	-0.7	-0.2	0.0	-0.7	-1.4	-2.4	-3.7	12.7**	0.167
45 Colt	VOR-TX Handgun	21547	12.96	XPB	2.3	25	259	254	251	244	435	419	410	387	-1.1	-0.3	0.2	0.0	-1.8	-3.2	-5.1	-7.4	15.2	0.130
	Pioneer	32143	12.96	XPB	2.3	25	259	254	251	244	435	419	410	387	-1.1	-0.3	0.2	0.0	-1.8	-3.2	-5.1	-7.4	15.2	0.130
	Pioneer	32142	16.20	JHP	2.3	25	236	233	230	225	451	439	431	411	-0.9	0.0	0.4	0.0	-2.3	-4.1	-6.4	-9.2	15.2	0.152
454 Casull	VOR-TX Handgun	22024	16.20	XPB	2.3	25	518	494	479	443	2174	1979	1858	1587	-1.7	-1.1	-0.6	0.0	0.2	0.1	-0.1	-0.4	19.1**	0.141

USE ONLY IN FIREARMS DESIGNATED FOR THIS CARTRIDGE AND SO RECOMMENDED BY THE MANUFACTURER.
 SPECIFICATIONS ARE NOMINAL BALLISTICS FIGURES ESTABLISHED IN TEST BARRELS. INDIVIDUAL FIREARM MAY VARY FROM TEST BARREL RESULT:
 0.0 INDICATES YARDAGE AT WHICH FIREARM WAS SIGHTED IN
 * TEST BARREL LENGTH IN cm
 ** VENTED BARREL
 ‡ AMMUNITION WITH "+P" ON THE CASE HEADSTAMP IS LOADED TO HIGHER PRESSURE. USE ONLY IN FIREARMS DESIGNATED FOR THIS CARTRIDGE /
 †† Ballistics also apply to SKU 32521
 ††† Ballistics also apply to SKU 32516
 †††† Ballistics also apply to SKU 32522
 † RAMAC #21545, REQUIRES A 1:20" TWIST RATE OR FASTER FOR OPTIMUM ACCURACY.