

.308 Dia., 190 Gr. HPBT MatchKing

POINT BLANK RANGE COMPUTED FOR 5.0 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE	YARDS	MUZZLE	50	100	200	300	400	500	600	1000
MAXIMUM POINT BLANK RANGE IS 390 YARDS. SET ZERO AT 330 YARDS.										
VELOCITY FPS		3200	3105	3012	2833	2661	2495	2335	2181	1621
ENERGY FT-LB		4319	4067	3828	3386	2987	2627	2301	2008	1109
DROP INCHES		.00	-.42	-1.74	-7.32	-17.22	-32.04	-52.44	-79.22	-271.66
BULLET PATH	(200 YDS)	-1.50	.28	1.17	.00	-5.50	-15.90	-31.89	-54.26	-229.07
INCHES	(300 YDS)	-1.50	1.20	3.00	3.66	.00	-8.57	-22.73	-43.27	-210.75
(ZERO RANGE)	(600 YDS)	-1.50	4.80	10.21	18.09	21.63	20.27	13.32	.00	-138.64
	(1000 YDS)	-1.50	11.74	24.07	45.81	63.22	75.73	82.64	83.18	.00
MPBR ZERO	(330 YDS)	-1.50	1.51	3.61	4.89	1.84	-6.12	-19.66	-39.58	-204.60
WIND DRIFT	(10 MPH)	.00	.12	.51	2.08	4.81	8.79	14.16	21.05	67.45
INCHES	(20 MPH)	.00	.25	1.01	4.16	9.61	17.59	28.33	42.11	134.89

MAXIMUM POINT BLANK RANGE IS 380 YARDS. SET ZERO AT 320 YARDS.										
VELOCITY FPS		3100	3007	2917	2741	2572	2410	2253	2102	1556
ENERGY FT-LB		4053	3815	3589	3170	2792	2450	2142	1865	1021
DROP INCHES		.00	-.45	-1.86	-7.80	-18.38	-34.20	-56.01	-84.67	-291.52
BULLET PATH	(200 YDS)	-1.50	.38	1.29	.00	-5.92	-17.09	-34.25	-58.26	-246.49
INCHES	(300 YDS)	-1.50	1.36	3.27	3.95	.00	-9.20	-24.39	-46.42	-226.76
(ZERO RANGE)	(600 YDS)	-1.50	5.23	11.00	19.42	23.21	21.75	14.30	.00	-149.39
	(1000 YDS)	-1.50	12.70	25.94	49.30	68.03	81.50	88.99	89.63	.00
MPBR ZERO	(320 YDS)	-1.50	1.58	3.70	4.82	1.31	-7.45	-22.20	-43.80	-222.39
WIND DRIFT	(10 MPH)	.00	.13	.53	2.17	5.01	9.18	14.81	22.03	70.84
INCHES	(20 MPH)	.00	.26	1.05	4.33	10.03	18.37	29.62	44.06	141.67

MAXIMUM POINT BLANK RANGE IS 370 YARDS. SET ZERO AT 310 YARDS.										
VELOCITY FPS		3000	2909	2821	2649	2484	2324	2171	2022	1490
ENERGY FT-LB		3796	3571	3357	2961	2603	2279	1988	1725	937
DROP INCHES		.00	-.48	-1.99	-8.34	-19.65	-36.59	-59.98	-90.74	-313.69
BULLET PATH	(200 YDS)	-1.50	.48	1.43	.00	-6.39	-18.41	-36.87	-62.71	-265.99
INCHES	(300 YDS)	-1.50	1.54	3.56	4.26	.00	-9.89	-26.23	-49.94	-244.69
(ZERO RANGE)	(600 YDS)	-1.50	5.71	11.89	20.90	24.97	23.40	15.39	.00	-161.46
	(1000 YDS)	-1.50	13.78	28.03	53.20	73.41	87.98	96.12	96.88	.00
MPBR ZERO	(310 YDS)	-1.50	1.66	3.80	4.73	.70	-8.96	-25.06	-48.54	-242.36
WIND DRIFT	(10 MPH)	.00	.14	.55	2.26	5.24	9.62	15.52	23.11	74.56
INCHES	(20 MPH)	.00	.27	1.10	4.53	10.49	19.23	31.04	46.23	149.11

MAXIMUM POINT BLANK RANGE IS 355 YARDS. SET ZERO AT 300 YARDS.										
VELOCITY FPS		2900	2811	2725	2557	2395	2238	2088	1941	1427
ENERGY FT-LB		3547	3334	3132	2758	2419	2114	1839	1590	859
DROP INCHES		.00	-.51	-2.13	-8.93	-21.06	-39.25	-64.38	-97.49	-338.57
BULLET PATH	(200 YDS)	-1.50	.59	1.59	.00	-6.91	-19.88	-39.80	-67.69	-287.89
INCHES	(300 YDS)	-1.50	1.75	3.89	4.61	.00	-10.67	-28.28	-53.87	-264.86
(ZERO RANGE)	(600 YDS)	-1.50	6.24	12.87	22.56	26.93	25.24	16.61	.00	-175.08
	(1000 YDS)	-1.50	14.99	30.38	57.58	79.46	95.27	104.15	105.05	.00
MPBR ZERO	(300 YDS)	-1.50	1.75	3.89	4.61	.00	-10.67	-28.28	-53.87	-264.86
WIND DRIFT	(10 MPH)	.00	.14	.58	2.37	5.50	10.09	16.30	24.32	78.64
INCHES	(20 MPH)	.00	.28	1.15	4.74	11.00	20.19	32.61	48.64	157.27

MAXIMUM POINT BLANK RANGE IS 345 YARDS. SET ZERO AT 290 YARDS.										
VELOCITY FPS		2800	2713	2629	2464	2305	2152	2004	1861	1366
ENERGY FT-LB		3307	3106	2915	2562	2242	1955	1695	1462	787
DROP INCHES		.00	-.55	-2.28	-9.60	-22.63	-42.22	-69.30	105.05	-366.51
BULLET PATH	(200 YDS)	-1.50	.72	1.77	.00	-7.49	-21.53	-43.07	-73.26	-312.53
INCHES	(300 YDS)	-1.50	1.97	4.26	4.99	.00	-11.54	-30.58	-58.28	-287.56
(ZERO RANGE)	(600 YDS)	-1.50	6.83	13.98	24.42	29.14	27.32	17.99	.00	-190.43
	(1000 YDS)	-1.50	16.35	33.02	62.51	86.27	103.49	113.20	114.26	.00
MPBR ZERO	(290 YDS)	-1.50	1.84	3.99	4.46	-.81	-12.61	-31.92	-59.89	-290.25
WIND DRIFT	(10 MPH)	.00	.15	.60	2.49	5.78	10.62	17.18	25.66	83.08
INCHES	(20 MPH)	.00	.30	1.21	4.98	11.56	21.25	34.36	51.31	166.15

MAXIMUM POINT BLANK RANGE IS 335 YARDS. SET ZERO AT 280 YARDS.										
VELOCITY FPS		2700	2615	2532	2371	2216	2066	1920	1782	1307
ENERGY FT-LB		3075	2885	2706	2372	2072	1801	1556	1339	720
DROP INCHES		.00	-.59	-2.46	-10.33	-24.39	-45.53	-74.82	113.55	-398.01

BULLET PATH	(200 YDS)	-1.50	.86	1.96	.00	-8.14	-23.37	-46.74	-79.55	-340.35
INCHES	(300 YDS)	-1.50	2.22	4.68	5.43	.00	-12.51	-33.17	-63.26	-313.20
(ZERO RANGE)	(600 YDS)	-1.50	7.49	15.22	26.52	31.63	29.66	19.55	.00	-207.77
	(1000 YDS)	-1.50	17.88	36.00	68.07	93.96	112.77	123.43	124.66	.00
MPBR ZERO	(280 YDS)	-1.50	1.93	4.10	4.27	-1.74	-14.83	-36.07	-66.73	-318.99
WIND DRIFT	(10 MPH)	.00	.16	.64	2.62	6.10	11.21	18.16	27.15	87.89
INCHES	(20 MPH)	.00	.31	1.27	5.25	12.19	22.42	36.32	54.29	175.79

RANGE YARDS MUZZLE 50 100 200 300 400 500 600 1000

MAXIMUM POINT BLANK RANGE IS 320 YARDS. SET ZERO AT 270 YARDS.

VELOCITY FPS		2600	2517	2436	2278	2126	1979	1837	1703	1251
ENERGY FT-LB		2851	2673	2504	2190	1908	1652	1424	1223	660
DROP INCHES		.00	-.64	-2.65	-11.16	-26.37	-49.26	-81.04	123.13	-433.56
BULLET PATH	(200 YDS)	-1.50	1.02	2.18	.00	-8.88	-25.45	-50.90	-86.65	-371.76
INCHES	(300 YDS)	-1.50	2.50	5.14	5.92	.00	-13.61	-36.10	-68.90	-342.17
(ZERO RANGE)	(600 YDS)	-1.50	8.25	16.62	28.88	34.45	32.32	21.31	.00	-227.34
	(1000 YDS)	-1.50	19.61	39.36	74.35	102.65	123.26	134.98	136.41	.00
MPBR ZERO	(270 YDS)	-1.50	2.04	4.20	4.04	-2.82	-17.36	-40.80	-74.53	-351.56
WIND DRIFT	(10 MPH)	.00	.17	.67	2.77	6.45	11.87	19.25	28.80	93.06
INCHES	(20 MPH)	.00	.33	1.34	5.54	12.90	23.75	38.51	57.60	186.13

MAXIMUM POINT BLANK RANGE IS 310 YARDS. SET ZERO AT 260 YARDS.

VELOCITY FPS		2500	2419	2339	2185	2036	1892	1754	1625	1199
ENERGY FT-LB		2636	2468	2309	2015	1749	1510	1299	1114	607
DROP INCHES		.00	-.69	-2.87	-12.09	-28.59	-53.48	-88.09	133.99	-473.78
BULLET PATH	(200 YDS)	-1.50	1.20	2.43	.00	-9.71	-27.80	-55.61	-94.72	-407.33
INCHES	(300 YDS)	-1.50	2.82	5.66	6.47	.00	-14.86	-39.43	-75.31	-374.98
(ZERO RANGE)	(600 YDS)	-1.50	9.10	18.21	31.57	37.65	35.35	23.32	.00	-249.46
	(1000 YDS)	-1.50	21.57	43.16	81.47	112.49	135.13	148.05	149.68	.00
MPBR ZERO	(260 YDS)	-1.50	2.14	4.30	3.76	-4.07	-20.29	-46.22	-83.45	-388.55
WIND DRIFT	(10 MPH)	.00	.17	.71	2.94	6.84	12.62	20.47	30.63	98.56
INCHES	(20 MPH)	.00	.35	1.42	5.87	13.68	25.23	40.95	61.25	197.11

MAXIMUM POINT BLANK RANGE IS 300 YARDS. SET ZERO AT 250 YARDS.

VELOCITY FPS		2400	2321	2243	2093	1946	1806	1673	1548	1152
ENERGY FT-LB		2429	2272	2123	1847	1598	1376	1181	1010	560
DROP INCHES		.00	-.75	-3.11	-13.14	-31.11	-58.26	-96.08	146.32	-519.17
BULLET PATH	(200 YDS)	-1.50	1.41	2.70	.00	-10.65	-30.48	-60.98	103.90	-447.47
INCHES	(300 YDS)	-1.50	3.18	6.25	7.10	.00	-16.28	-43.23	-82.60	-411.97
(ZERO RANGE)	(600 YDS)	-1.50	10.07	20.02	34.63	41.30	38.78	25.60	.00	-274.31
	(1000 YDS)	-1.50	23.78	47.45	89.49	123.59	148.51	162.76	164.58	.00
MPBR ZERO	(250 YDS)	-1.50	2.26	4.41	3.41	-5.54	-23.67	-52.46	-93.68	-430.43
WIND DRIFT	(10 MPH)	.00	.19	.75	3.12	7.28	13.44	21.82	32.62	104.26
INCHES	(20 MPH)	.00	.37	1.51	6.24	14.56	26.88	43.63	65.25	208.52

MAXIMUM POINT BLANK RANGE IS 285 YARDS. SET ZERO AT 240 YARDS.

VELOCITY FPS		2300	2222	2147	1999	1856	1720	1593	1472	1110
ENERGY FT-LB		2231	2084	1944	1685	1453	1249	1070	914	520
DROP INCHES		.00	-.82	-3.39	-14.33	-33.98	-63.72	105.21	160.42	-570.52
BULLET PATH	(200 YDS)	-1.50	1.64	3.02	.00	-11.73	-33.55	-67.12	114.42	-492.85
INCHES	(300 YDS)	-1.50	3.59	6.93	7.82	.00	-17.91	-47.57	-90.96	-453.76
(ZERO RANGE)	(600 YDS)	-1.50	11.17	22.09	38.14	45.48	42.73	28.23	.00	-302.16
	(1000 YDS)	-1.50	26.28	52.31	98.57	136.13	163.59	179.30	181.29	.00
MPBR ZERO	(240 YDS)	-1.50	2.38	4.51	2.98	-7.26	-27.59	-59.68	105.48	-477.96
WIND DRIFT	(10 MPH)	.00	.20	.80	3.33	7.78	14.37	23.30	34.84	110.11
INCHES	(20 MPH)	.00	.39	1.60	6.66	15.56	28.74	46.61	69.67	220.22

MAXIMUM POINT BLANK RANGE IS 275 YARDS. SET ZERO AT 230 YARDS.

VELOCITY FPS		2200	2124	2050	1905	1767	1636	1513	1399	1073
ENERGY FT-LB		2041	1904	1773	1531	1317	1130	966	825	485
DROP INCHES		.00	-.90	-3.71	-15.70	-37.28	-69.98	115.68	176.61	-628.43
BULLET PATH	(200 YDS)	-1.50	1.91	3.39	.00	-12.97	-37.08	-74.17	126.50	-543.91
INCHES	(300 YDS)	-1.50	4.07	7.71	8.65	.00	-19.78	-52.55	100.56	-500.68
(ZERO RANGE)	(600 YDS)	-1.50	12.45	24.47	42.17	50.28	47.26	31.25	.00	-333.07
	(1000 YDS)	-1.50	29.10	57.78	108.78	150.20	180.49	197.78	199.84	.00
MPBR ZERO	(230 YDS)	-1.50	2.52	4.61	2.45	-9.29	-32.17	-68.04	119.15	-531.65
WIND DRIFT	(10 MPH)	.00	.21	.86	3.57	8.35	15.39	24.94	37.25	115.91
INCHES	(20 MPH)	.00	.42	1.72	7.14	16.69	30.79	49.89	74.50	231.83

MAXIMUM POINT BLANK RANGE IS 265 YARDS. SET ZERO AT 220 YARDS.

VELOCITY FPS		2100	2025	1953	1812	1679	1553	1435	1329	1040
ENERGY FT-LB		1860	1730	1608	1385	1189	1018	869	745	456
DROP INCHES		.00	-.98	-4.08	-17.29	-41.08	-77.21	127.78	195.25	-693.55
BULLET PATH	(200 YDS)	-1.50	2.21	3.81	.00	-14.40	-41.14	-82.31	140.39	-601.12
INCHES	(300 YDS)	-1.50	4.61	8.61	9.60	.00	-21.94	-58.31	111.59	-553.12
(ZERO RANGE)	(600 YDS)	-1.50	13.91	27.21	46.80	55.80	52.46	34.68	.00	-367.13
	(1000 YDS)	-1.50	32.27	63.92	120.22	165.93	199.31	218.24	220.28	.00
MPBR ZERO	(220 YDS)	-1.50	2.66	4.71	1.80	-11.70	-37.53	-77.81	134.99	-592.11
WIND DRIFT	(10 MPH)	.00	.23	.93	3.85	8.98	16.52	26.74	39.84	121.48
INCHES	(20 MPH)	.00	.46	1.86	7.70	17.95	33.05	53.49	79.68	242.96